

Registered Office for Official Translation, Hon. BELLOUTI Hassina  
Cit  Chorfa, Ouargla, Alg rie, Phone : (213) 0773.57.94.67



PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA  
*Secondary General Certificate of Education*  
*(Baccalaur at)*

Number: 30/9446/30043002/3042

The Minister of Education;

- By virtue of the Decree n 495/63 on December 31<sup>st</sup>, 1963 related to the foundation of the Secondary General Certificate of Education,
- By virtue of the Decree n  46/68 on February 08<sup>th</sup>, 1968 related to the creation of the Technical Secondary General Certificate of Education
- Pursuant to the Senate Report for the session 2021, hereby confers upon: *BENMADI Imed-Eddine*

Born on: May 05<sup>th</sup>, 2004 in Tachouda, Setif  
Reg. n  39058109

*The Secondary General Certificate of Education*  
*Subject-field: Experimental Sciences*  
*With distinction: First Class Honours*

Done in Algiers, this 17<sup>th</sup> day of July 2021

C/o The Minister of National Education  
The Director of Examinations and Competitions/Signed: A. BELKACEMI  
Seal Print Affixed/Ministry of National Education/National Board of Examinations and Competitions/P.D.R.A

Notice/ Only one copy of this certificate will be issued.



Certified true translation  
Done in Ouargla, Algeria, on March 10<sup>th</sup>, 2024



Fiscal Stamp

Valid Abroad

Registered Office for Official Translation, Hon. BELLOUTI Hassina  
Cit  Chorfa, Ouargla, Alg rie, Phone: (213) 0771.63.65.15

Translation

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA

Ministry of National Education

National Office for Examinations and Contests

N<sup>o</sup>: 9446/30

3042

TRANSCRIPT  
GENERAL CERTIFICATE OF EDUCATION (BACCALAUR AT)  
SESSION: 2021  
SUBJECT-FIELD: EXPERIMENTAL SCIENCES

Registration n<sup>o</sup>: 39058109

Pursuant to the deliberation board report, the Director of the National Office for Examinations and contests, undersigned, hereby certifies that:

*Mr. BENMADI Imed-Eddine*

Born on: May 05<sup>th</sup>, 2004 In: Tachouda, Setif

Educational Institution: Slimani Hamma Laid High School/30043002

Has succeeded for having gained the following scores

| EXAMS                                       | SCORE/20 | COEFFICIENT | TOTAL         |
|---|----------|-------------|---------------|
| Sciences of Life and nature                 | 13.50    | 6           | 081.00        |
| Physics                                     | 17.50    | 5           | 087.50        |
| Mathematics                                 | 16.00    | 5           | 080.00        |
| Arabic language and literature              | 15.00    | 3           | 045.00        |
| French as 1 <sup>st</sup> Foreign language  | 11.50    | 2           | 023.00        |
| English as 2 <sup>nd</sup> Foreign language | 11.50    | 2           | 023.00        |
| Philosophy                                  | 14.00    | 2           | 028.00        |
| History and geography                       | 16.50    | 2           | 033.00        |
| Islamic sciences                            | 13.50    | 2           | 027.00        |
| Physical Training and sports                | 19.38    | 1           | 19.38         |
| <b>Total</b>                                |          | <b>30</b>   | <b>446.88</b> |

General Average: 14.90 /20

Done in Algiers on July 17<sup>th</sup>, 2021

Secret Code: 677NCKYR

100419450000900/6862USEPWD\_BC--1626555067

Director of National Board for Examinations and Contests

Signed : A.BELKACEMI

Common Seal print affixed Ministry of National Education

National Board for Examinations and Contests

P.D.R.A

**Notice:** No other copy of this certificate shall be delivered.



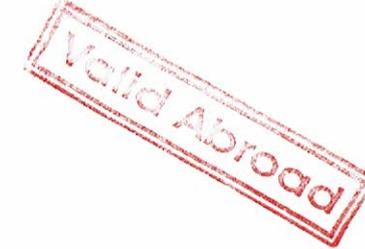
Certified true translation  
Done in Ouargla, Algeria on: March 10<sup>th</sup>, 2024



Registered Office for Official Translation, Hon. BELLOUTI Hassina  
Cité Chorfa, Ouargla, Algérie, Phone: 029.71.42.30/ Mobile: 0773.57.94.67



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research



Translation

### Bachelor's Degree

The Minister of Higher Education and Scientific Research,

- Buy virtue of the Law no.05-99 on April 04<sup>th</sup>, 1999 related to Higher Education Guiding Law, amended and completed;
- By virtue of the Executive Decree no.265-08 on August 19<sup>th</sup>, 2008 related to the studies system for the award of the Bachelor's, Master's and Doctorate Degrees;
- By virtue of the Order no.686 on August 01<sup>st</sup>, 2018, related to empowerment of the Directors of Higher Education Institution to sign Higher Education Diplomas;

Pursuant to the Senate Report dated June 20<sup>th</sup>, 2024; hereby confers upon the student: **BENMADI Imed-Eddine**

Born on: May 05<sup>th</sup>, 2004 in Tachouda, Sétif

**The Bachelor's Degree**

**Subject-field: Computer science**

**Issued by: the University of Ouargla**

**Domain: Mathematics and computer Science**

**Major: Computer Systems**

Done in Ouargla, on: June 20<sup>th</sup>, 2024, under no.0029

Dean of the Faculty of New Technologies of Information and Communication  
Bilal BEN ARABI/Illegible signature/Round stamp affixed bearing: University of  
Ouargla/13/Faculty of New Technologies of Information and  
Communication/P.D.R.A

The Chancellor of the University  
Mohammed Tahar HELILAT/Illegible signature  
Seal print affixed: Chancellor of the University of Ouargla  
Signed Mohammed Tahar HELILAT

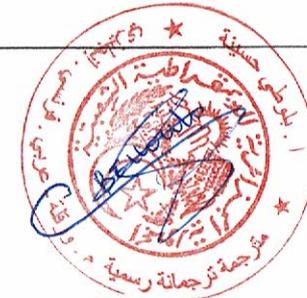
Dry embossed seal affixed:  
Ministry of Higher Education and Scientific Research  
University of Ouargla/P.D.R.A

S.N: UN3001/2024/212139058109/L/0029

N: 0308153



Certified true translation  
Done in Ouargla, Algeria on: June 30<sup>th</sup>, 2024



Fiscal Stamp

Translation

Valid Abroad

People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research

University of Kasdi Merbah, Ouargla

Faculty of Mathematics and Computer Science  
Transcript

Department of Mathematics

Academic year: 2021/2022

Family name: *BENMADI*

Given name: *Imed-Eddine*

Date and place of birth: May 05<sup>th</sup>, 2004, in Tachouda, Setif

Enrolment number: UN300120212139058109

Class: Bachelor's Degree 1<sup>st</sup> year class

Domain: Mathematics and Computer Science

Subject-field: Mathematics and Computer Science

Prepared degree: Academic Bachelor's Degree

| Teaching Unit components |             |                          |              |         |          |  |  | Teaching component units                                 |                |         |                 |          |          |
|--------------------------|-------------|--------------------------|--------------|---------|----------|--|--|--|----------------|---------|-----------------|----------|----------|
| Nature                   | Unit Code   | Credits                  | Coef         | Average | Credits  | Session  | Unit name                                | Credits  | Coef.          | Average | Credits         | Session  |          |
| Semester 1               | U.E.F       | C00F0001S1               | 11           | 7.0     | 13.47    | 11   | Ordinary                                 | Analysis 1   | 6.0            | 4.0     | 13.98           | 6.0      | Ordinary |
|                          | U.E.M       | C00F0001S1               | 04           | 02      | 16.00    | 4.0  | Ordinary                                 | Algebra 1  | 5.0            | 3.0     | 12.8            | 5.0      | Ordinary |
|                          |             |                          |              |         |          |  |  | Scientific terminology and written expression            | 2.0            | 1.0     | 14.0            | 2.0      | Ordinary |
|                          | U.E.D       | C00D0001S1<br>C00F0002S1 | 04           | 02      | 18.5     | 4.0  | Ordinary                                 | Foreign language   | 2.0            | 1.0     | 18.0            | 2.0      | Ordinary |
| 11                       |             |                          | 07           | 11      | Ordinary | Choosing a matter among: Physics 1/Electronics and systems components. | 4.0                                      | 2.0  | 18.5           | 4.0     | Ordinary        |          |          |
| U.E.F                    | C00F0002S1  | 11                       | 07           | 16.23   | 11       | Ordinary   | Machine structure 1                      | 5.0  | 3.0            | 18.4    | 5.0             | Ordinary |          |
| <b>S1 average</b>        |             |                          | <b>15.38</b> |         |          |  | <b>S1 credits</b>                        | <b>30</b>  | <b>Session</b> |         | <b>Ordinary</b> |          |          |
| Semester 2               | U.E.F       | C00F0001S2               | 10           | 6.0     | 10.23    | 10   | Ordinary                                 | Algebra 2  | 4.0            | 2.0     | 12.3            | 4.0      | Ordinary |
|                          | U.E.F       | C00F0002S2               | 10           | 6.0     | 14.45    | 10   | Ordinary                                 | Analysis 2   | 6.0            | 4.0     | 9.2             | 0.0      | Ordinary |
|                          |             |                          |              |         |          |  |  | Machine structure 2                                      | 4.0            | 2.0     | 16.95           | 4.0      | Ordinary |
|                          | U.E.M       | C00M0001S2               | 07           | 4.0     | 14.77    | 07   | Ordinary                                 | Algorithmic and data structure 2                         | 6.0            | 4.0     | 13.2            | 6.0      | Ordinary |
|                          |             |                          |              |         |          |  |  | Introduction to probabilities and descriptive statistics | 3.0            | 2.0     | 16.05           | 3.0      | Ordinary |
| U.E.T                    | C00MT0001S2 | 03                       | 2.0          | 15.1    | 03       | Ordinary   | Information and Communication Technology | 2.0  | 1.0            | 14.0    | 2.0             | Ordinary |          |
| <b>S2 average</b>        |             |                          | <b>13.19</b> |         |          |  | <b>S2 credits</b>                        | <b>30</b>  | <b>Session</b> |         | <b>Ordinary</b> |          |          |

O: Ordinary session

R: Remedial session

|       |       |                                |                                 |                 |                              |
|-------|-------|--------------------------------|---------------------------------|-----------------|------------------------------|
| G.P.A | 14.29 | Annual accrued credits : 60.00 | Curriculum accrued credits : 60 | Jury's decision | Admitted in ordinary session |
|-------|-------|--------------------------------|---------------------------------|-----------------|------------------------------|

On: December 06<sup>th</sup>, 2023

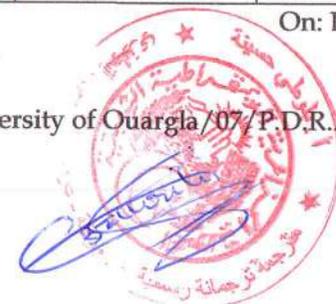
Dean of the Faculty of Mathematics and Matter Sciences

Djamel BECHKI/ Illegible signature

Seal print affixed bearing: Ministry of Higher Education and Scientific Research/ University of Ouargla/07/P.D.R.A

Certified true translation

Done in Ouargla, Algeria, on: April 09<sup>th</sup>, 2024





Translation



University of Kasdi Merbah, Ouargla

People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research

Faculty of Information and Communication New Technologies  
Department of Computer Science and Information Technologies

Transcript

Academic year: 2022/2023

Family name: *BENMADI* Given name: *Imed-Eddine*

Date and place of birth: May 05<sup>th</sup>, 2004, in Tachouda, Setif

Enrolment number: UN300120212139058109

Class: Bachelor's Degree 2<sup>nd</sup> year class

Domain: Mathematics and Computer Science

Subject-field: Computer Science

Prepared degree: Academic Bachelor's Degree

| Teaching Unit components |            |                     |                                |         |                                  |          | Teaching component units        |         |                              |           |                |          |                 |
|--------------------------|------------|---------------------|--------------------------------|---------|----------------------------------|----------|---------------------------------|---------|------------------------------|-----------|----------------|----------|-----------------|
| Nature                   | Unit Code  | Credits             | Coef.                          | Average | Credits                          | Session  | Unit name                       | Credits | Coef.                        | Average   | Credits        | Session  |                 |
| U.E.F                    | C00F0001S3 | 11                  | 6.0                            | 15.53   | 11                               | Ordinary | Computer architecture           | 5.0     | 3.0                          | 18.65     | 5.0            | Ordinary |                 |
| U.E.F                    | C00F0002S3 | 09                  | 5.0                            | 14.13   | 09                               | Ordinary | Algorithms and data structure 3 | 6.0     | 3.0                          | 12.40     | 6.0            | Ordinary |                 |
| U.E.M                    | C00M0001S3 | 08                  | 4.0                            | 15.40   | 08                               | Ordinary | Graph theory                    | 4.0     | 2.0                          | 16.05     | 4.0            | Ordinary |                 |
| U.E.T                    | C00T0001S3 | 02                  | 1.0                            | 13.00   | 02                               | Ordinary | Information Systems             | 5.0     | 3.0                          | 12.85     | 5.0            | Ordinary |                 |
| <b>S3 average</b>        |            |                     | <b>15.91</b>                   |         |                                  |          | <b>S3 credits</b>               |         |                              | <b>30</b> | <b>Session</b> |          | <b>Ordinary</b> |
| U.E.F                    | C00F0001S4 | 10                  | 5.0                            |         | 10                               | Ordinary | Numerical methods               | 4.0     | 2.0                          | 17.00     | 4.0            | Ordinary |                 |
| U.E.F                    | C00F0002S4 | 10                  | 6.0                            |         | 10                               | Ordinary | Mathematical logic              | 4.0     | 2.0                          | 13.80     | 4.0            | Ordinary |                 |
| U.E.M                    | C00M0001S4 | 08                  | 4.0                            |         | 08                               | Ordinary | Foreign language 2              | 2.0     | 1.0                          | 13.00     | 2.0            | Ordinary |                 |
| U.E.T                    | C00T0001S4 | 02                  | 1.0                            |         | 02                               | Ordinary | <b>S4 credits</b>               |         |                              | <b>30</b> | <b>Session</b> |          | <b>Ordinary</b> |
| <b>S4 average</b>        |            |                     | <b>14.45</b>                   |         |                                  |          | Operating systems 1             | 5.0     | 3.0                          | 16.40     | 5.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Programming languages theory    | 5.0     | 2.0                          | 15.15     | 5.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Databases                       | 5.0     | 3.0                          | 15.80     | 5.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Networks                        | 5.0     | 3.0                          | 08.70     | 0.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Object-oriented programming     | 4.0     | 2.0                          | 15.25     | 4.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Web applications development    | 4.0     | 2.0                          | 16.80     | 4.0            | Ordinary |                 |
|                          |            |                     |                                |         |                                  |          | Foreign language 3              | 2.0     | 1.0                          | 14.00     | 2.0            | Ordinary |                 |
| O: Ordinary session      |            | R: Remedial session |                                |         |                                  |          |                                 |         |                              |           |                |          |                 |
| G.P.A                    |            | 14.68               | Annual accrued credits : 60.00 |         | Curriculum accrued credits : 120 |          | Jury's decision                 |         | Admitted in ordinary session |           |                |          |                 |

On: December 06<sup>th</sup>, 2023

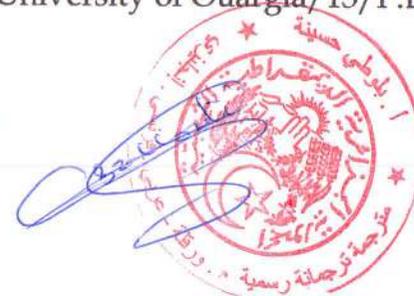
Dean of the Faculty of New Technologies of Information and Communication

BEN ARABI Bilal/ Illegible signature

Seal print affixed: Ministry of Higher Education and Scientific Research/ University of Ouargla/13/P.D.R.A



Certified true translation  
Done in Ouargla, Algeria, on: April 09<sup>th</sup>, 2024





Translation



People's Democratic Republic Algeria  
Ministry of Higher Education and Scientific Research

University of Kasdi Merbah, Ouargla  
Academic year: 2023/2021

Faculty of Mathematics and Matter Sciences

Department of Mathematics

Transcript

Family name: **BENMADI**

Given name: **Imed-Eddine**

Date and place of birth: **May 05<sup>th</sup>, 2004 in Tachouda, Sétif**

Enrolment number: **UN3001/2024/212139058109**

Class: **Bachelor's Degree 3<sup>rd</sup> year class**

Domain: **Mathematics and Computer Sciences**

Subject-field: **Computer Sciences**

Major/ **Computer Systems**

Prepared degree: **Academic Bachelor's Degree**

| Teaching Unit components |            |         |              |         |         |          | Teaching component units                 |           |                |         |                 |          |
|--------------------------|------------|---------|--------------|---------|---------|----------|--|-----------|----------------|---------|-----------------|----------|
| Nature                   | Unit Code  | Credits | Coef         | Average | Credits | Session  | Unit name                                | Credits   | Coef.          | Average | Credits         | Session  |
| U.E.F                    | C00F0001S5 | 10      | 6.0          | 14.93   | 10      | Ordinary | Compilation                              | 5.0       | 3.0            | 14.90   | 5.0             | Ordinary |
|                          |            |         |              |         |         |          | Operating systems 2                      | 5.0       | 3.0            | 14.95   | 5.0             | Ordinary |
| U.E.F                    | C00F0002S5 | 10      | 6.0          | 13.13   | 10      | Ordinary | Software engineering                     | 5.0       | 3.0            | 14.10   | 5.0             | Ordinary |
|                          |            |         |              |         |         |          | Man-machine interface                    | 5.0       | 3.0            | 12.15   | 5.0             | Ordinary |
| U.E.M                    | C00M0002S5 | 08      | 4.0          | 15.08   | 08      | Ordinary | Linear programming                       | 4.0       | 2.0            | 14.55   | 4.0             | Ordinary |
|                          |            |         |              |         |         |          | Probabilities and statistics             | 4.0       | 2.0            | 15.60   | 4.0             | Ordinary |
| U.E.T                    | C00T0002S5 | 02      | 1.0          | 16.00   | 02      | Ordinary | Digital economy and strategic monitoring | 2.0       | 1.0            | 16.00   | 2.0             | Ordinary |
| <b>S1 average</b>        |            |         | <b>14.39</b> |         |         |          | <b>S1 credits</b>                        | <b>30</b> | <b>Session</b> |         | <b>Ordinary</b> |          |
| U.E.F                    | C00F0001S6 | 10      | 6.0          | 11.01   | 10      | Ordinary | Mobile applications                      | 5.0       | 3.0            | 13.46   | 5.0             | Ordinary |
|                          |            |         |              |         |         |          | Information security                     | 5.0       | 3.0            | 08.55   | 0.0             | Ordinary |
| U.E.F                    | C00F0001S6 | 10      | 6.0          | 12.60   | 10      | Ordinary | Semi-structured data                     | 5.0       | 3.0            | 17.60   | 5.0             | Ordinary |
|                          |            |         |              |         |         |          | Artificial intelligence                  | 5.0       | 3.0            | 07.60   | 0.0             | Ordinary |
| U.E.M                    | C00M0001S6 | 08      | 4.0          | 18.38   | 08      | Ordinary | Project                                  | 6.0       | 3.0            | 19.50   | 6.0             | Ordinary |
|                          |            |         |              |         |         |          | Scientific writing                       | 2.0       | 1.0            | 15.00   | 2.0             | Ordinary |
| U.E.T                    | C00T0001S6 | 02      | 1.0          | 14.50   | 02      | Ordinary | Start-up creation and development        | 2.0       | 1.0            | 14.50   | 2.0             | Ordinary |
| <b>S2 average</b>        |            |         | <b>13.51</b> |         |         |          | <b>S2 credits</b>                        | <b>30</b> | <b>Session</b> |         | <b>Ordinary</b> |          |

O: Ordinary session

R: Remedial session

|              |              |                                       |   |                        |                                     |
|--------------|--------------|---------------------------------------|---|------------------------|-------------------------------------|
| <b>G.P.A</b> | <b>13.95</b> | <b>Annual accrued credits : 60.00</b> | <b>Curriculum accrued credits : 180</b> | <b>Jury's decision</b> | <b>Admitted in ordinary session</b> |
|--------------|--------------|---------------------------------------|---|------------------------|-------------------------------------|

On: June 29<sup>th</sup>, 2024

Dean of the Faculty of New Technologies of Information and Communication

Bilal BEN ARABI/Illegible signature/Round stamp affixed bearing: University of Ouargla/13/Faculty of New Technologies of Information and Communication/P.D.R.A



Certified true translation  
Done in Ouargla, Algeria on: June 30<sup>th</sup>, 2024





Année Académique: 2022/2023 Domaine: Mathématiques et Informatique

Filière: informatique

Spécialité: informatique

Niveau: Licence 2ème Année

Arrêté d'habilitation de l'offre de formation: N°646 du 24/07/2014

### PV de Classement

| N° | Nom        | Prénom              | Date Naissance | matricule    | annee | d | s | r | s1    | s2    | s3    | s4    | s5  | s6  | ms    | mc    |
|----|------------|---------------------|----------------|--------------|-------|---|---|---|-------|-------|-------|-------|-----|-----|-------|-------|
| 1  | BEKKOUCHA  | Ahmed yacine        | 21/07/1993     | 212139064615 | 2021  | 0 | 0 | 0 | 16.76 | 17.68 | 17.87 | 17.38 | 0.0 | 0.0 | 17.42 | 17.42 |
| 2  | KOBCHI     | Bouzid              | 27/10/2003     | 212139049480 | 2021  | 0 | 0 | 0 | 16.38 | 16.06 | 14.93 | 16.49 | 0.0 | 0.0 | 15.97 | 15.97 |
| 3  | MILLOUDI   | Safa                | 18/02/2004     | 212139050226 | 2021  | 0 | 0 | 0 | 16.38 | 13.74 | 15.67 | 15.31 | 0.0 | 0.0 | 15.28 | 15.28 |
| 4  | BENOUHANI  | Mohammed mahfoud    | 20/07/2003     | 212139051423 | 2021  | 0 | 0 | 0 | 15.17 | 14.1  | 13.1  | 16.8  | 0.0 | 0.0 | 14.79 | 14.79 |
| 5  | HIMA       | Hibet allah         | 20/11/2003     | 212139050753 | 2021  | 0 | 0 | 0 | 12.94 | 13.42 | 16.06 | 16.37 | 0.0 | 0.0 | 14.70 | 14.70 |
| 6  | BAALI      | lbthlal katre nadah | 15/05/2003     | 212139059190 | 2021  | 0 | 0 | 0 | 13.0  | 13.97 | 16.19 | 14.81 | 0.0 | 0.0 | 14.49 | 14.49 |
| 7  | BENMADI    | Imed-eddine         | 05/05/2004     | 212139058109 | 2021  | 0 | 0 | 0 | 15.38 | 13.19 | 14.9  | 14.45 | 0.0 | 0.0 | 14.48 | 14.48 |
| 8  | SAMAI      | Maroua              | 25/01/2004     | 212139050728 | 2021  | 0 | 0 | 0 | 13.43 | 11.37 | 16.91 | 15.45 | 0.0 | 0.0 | 14.29 | 14.29 |
| 9  | GADJA      | Halima saadi        | 27/04/2003     | 212139053350 | 2021  | 0 | 0 | 0 | 14.63 | 14.19 | 14.07 | 12.81 | 0.0 | 0.0 | 13.93 | 13.93 |
| 10 | ABAZ       | Meriem              | 01/10/2003     | 212139050159 | 2021  | 0 | 0 | 0 | 15.24 | 11.29 | 14.54 | 14.62 | 0.0 | 0.0 | 13.92 | 13.92 |
| 11 | BOUKHALIFA | El hocine           | 04/11/2003     | 212139053322 | 2021  | 0 | 0 | 1 | 14.62 | 13.18 | 15.36 | 13.94 | 0.0 | 0.0 | 14.28 | 13.71 |
| 12 | BENCHABANA | Soheib              | 08/10/2003     | 212139058078 | 2021  | 0 | 0 | 0 | 14.37 | 12.39 | 12.53 | 14.49 | 0.0 | 0.0 | 13.45 | 13.45 |
| 13 | BENSACI    | Mohamed anesse      | 05/02/2004     | 212139052826 | 2021  | 0 | 0 | 0 | 12.03 | 12.76 | 13.96 | 14.87 | 0.0 | 0.0 | 13.41 | 13.41 |
| 14 | FARSI      | Imed                | 28/01/2004     | 212139050103 | 2021  | 0 | 0 | 0 | 13.56 | 13.28 | 13.65 | 12.27 | 0.0 | 0.0 | 13.19 | 13.19 |
| 15 | DEGHA      | Sirine              | 07/11/2003     | 212139052157 | 2021  | 0 | 0 | 0 | 13.04 | 11.76 | 12.95 | 14.48 | 0.0 | 0.0 | 13.06 | 13.06 |
| 16 | LAKAS      | Mohammed bilal      | 19/07/2004     | 212139050233 | 2021  | 0 | 0 | 0 | 14.44 | 10.83 | 12.69 | 14.19 | 0.0 | 0.0 | 13.04 | 13.04 |
| 17 | CHERIF     | Chaima              | 29/03/2004     | 212139058071 | 2021  | 0 | 0 | 0 | 13.84 | 12.3  | 13.07 | 12.9  | 0.0 | 0.0 | 13.03 | 13.03 |
| 18 | AMRANI     | Rayane              | 04/02/2003     | 212139063757 | 2021  | 0 | 0 | 0 | 12.76 | 11.95 | 14.19 | 13.04 | 0.0 | 0.0 | 12.99 | 12.99 |



Formule de calculer de la moyenne de classement:  $MC=MSE(1-a)(r+d/2+s/4)$   
 a=Taux d'abattement (0.04), MSE=Moyenne des moyennes des semestres concernés

Le : 18/01/2024



# CERTIFICATE

Certificate of Completion

Awarded to

*Imad EL DIN Ben Madi*

FOR SUCCESSFULLY COMPLETING

**THE 21<sup>ST</sup> CENTURY SKILLS TRAINING**

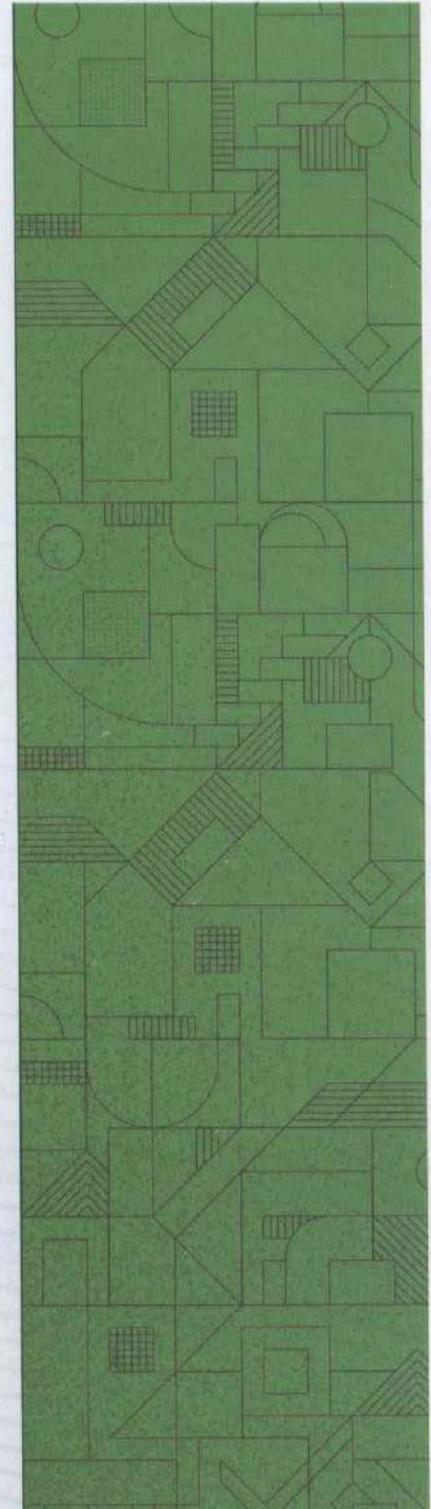
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HAMZA KOUDRI

Director of Programs, World Learning Algeria



# Recommendation Letter

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02 March 2024

Dear Admissions Committee,

I am Ms. SAADI Wafa (graphs theory and Languages theory teacher); it is my pleasure and honor to recommend the student Benmadi Imed-Eddine for the scholarship at your esteemed institution. I have known Imed-Eddine for one year and was delighted to serve as his teaching at university of KASDI Merbeh Ouargla. I strongly believe that Benmadi Imed-Eddine deserves to be a candidate in your scholarship.

Since I have known him, Imed-Eddine has demonstrated as a student a love of learning, an exceptional academic performance and a keen interest in research and a level of commitment necessary to succeed in university. I am confident that he will make a valuable contribution to your institution and excel in the program. Therefore, I am happy to be able to provide this recommendation for such a deserving student and I strongly recommend Imed-Eddine for admission to your program. He was one of my remarkable students.

Sincerely,

SAADI Wafa

saadi.wafa@univ-ouargla.dz

00213699849830

Assistant professor



Dr. Messaoud Mezati

Kasdi Merbah University Ouargla, Algeria

Faculty of new information and communication technology.

Departement of computer science and information technology.

[messaoud.mezati@univOurgla.dz](mailto:messaoud.mezati@univOurgla.dz)

April 09,2024.

## **Recommendation letter for: Mr Imed Benmadi**

To whom it may concern,

It is with great pleasure that I recommend Mr Imed Benmadi. I have been his programming teacher for one year at the University of Kasdi Merbah, Algeria, Imed demonstrated tremendous effort and growth throughout the years I taught his and always brought a focused energy to class. He has that combination of a positive attitude and the belief that he can always improve. I am confident that he will continue to display the same commitment and diligence in everything he does. He is one of my excellent students. He has high programming, critical thinking and problems solving skills.

Imed is an outstanding student and individual who supports others in and out of the classroom. His positive attitude and belief in himself, even in the face of difficulty, is an immensely admirable asset. I am confident that he will continue to demonstrate the same diligence, perseverance, and optimism that he showed myself and his peers. I give my highest recommendations for Imed. Please feel free to contact me with any further questions at [messaoud.mezati@univ-ourgla.dz](mailto:messaoud.mezati@univ-ourgla.dz).

Sincerely,



# Attestation de Stage

Je soussigné, Chef de Département Formation de l'Entreprise Nationale de Géophysique que :

L'étudiant (e) **BENMADI Imed-eddine**, né(e) le **05 Mai 2004** à **Sétif**

Inscrit (e) à l'**Université Kasdi Merbah- Ouargla**.

A effectué un stage de fin de formation dans la filière : **Informatique**

Au niveau de l'Entreprise Nationale de Géophysique **Direction de l'Informatique et des Nouvelles Technologies de l'Information & de la Communication (D.I.N.T.I.C)**.

Durant une période de **soixante et un (61) jours** du **01/07/2023** au **30/08/2023**

**Le Responsable de l'Etablissement de L'Enseignement**

Hassi Messaoud le

29 NOV 2023

**le Chef de Département formation**

**C.BENCHABANA**



Attestation enregistrée sous le N° **158** DRHA/DF/2023

**Université KASDI MERBAH de Ouargla**

**Faculté des Nouvelles Technologies de l'Information et de la Communication**

**Département d'Informatique et des Technologies de l'Information**

**Ouargla, le : 13/06/2023**

## **ATTESTATION DE BONNE CONDUITE**

Je soussigné, Chef de Département d'Informatique et des Technologies de l'Information à la Faculté des Nouvelles Technologies de l'Information et de la Communication, atteste que l'étudiant (e) :

Matricule : **212139058109**

Nom : **Benmadi**

Prénom : **imed eddine**

Date et lieu de naissance : **05/05/2004**      **Ouargla**

Domaine : **Mathématiques et informatique**

Filière : **informatique**

A eu une bonne conduite durant son cursus universitaire et n'a pas été soumis(e) au conseil disciplinaire.

Cette attestation lui est délivrée à sa demande pour servir et faire valoir ce que de droit.

**Le Chef de Département**



**Université KASDI MERBAH de Ouargla**

**Faculté des Nouvelles Technologies de l'Information et de la Communication**

**Département d'Informatique et des Technologies de l'Information**

**Ouargla, le : 13/06/2023**

## **ATTESTATION DE CLASSEMENT**

Vu les procès verbaux des délibérations des sessions normales des deux années licence , je soussigné, le Chef de Département d'Informatique et des Technologies de l'Information, atteste que l'étudiant(e) :

Matricule : **212139058109**

Nom : **Benmadi**

Prénom : **imed eddine**

Date et lieu de naissance : **05/05/2004**      **Ouargla**

Domaine : **Mathématiques et informatique**

Filière : **informatique**

Est classé(e), dans le même parcours de formation, **07** de sa promotion de **151** étudiants, avec une moyenne de **:14.48**

Le classement tient compte 2ème années de licence.

Cette attestation lui est délivrée pour servir et faire valoir ce que de droit.

**Le Chef de Département**



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جامعة قاصدي مرباح - ورقلة

Faculté des Nouvelles Technologies de  
l'Information et de la Communication

كلية التكنولوجيات الحديثة  
للمعلومات والاتصال

## Attestation

Je soussigné, Doyen de la faculté de des Nouvelles Technologies de l'Information et de la Communication, atteste que, conformément au courrier n°1410 du 12/09/2022 de Monsieur le Secrétaire Général du MESRS, l'étudiant(e) :

Nom : Benmadi

Prénom : imed-eddine

Date et lieu de naissance : 05 / 05 / 2004 à Tachouda, Sétif

Domaine : Mathématique et informatique

Filière : Informatique

Spécialité : Système informatique

a obtenu 5 étoiles durant son cycle de formation.

Cette attestation est délivrée pour servir et faire valoir ce que de droit.

Le Doyen :





Certificate no: UC-75251017-e20d-4507-961d-0008cfe7d399

Certificate url: [ude.my/UC-75251017-e20d-4507-961d-0008cfe7d399](https://ude.my/UC-75251017-e20d-4507-961d-0008cfe7d399)

Reference Number: 0004

CERTIFICATE OF COMPLETION

# The Data Science Course: Complete Data Science Bootcamp 2024

Instructors **365 Careers**

**Imed-eddine benmadi**

Date **May 8, 2024**

Length **32 total hours**