



# Mazène Cadi

## Data science and AI student

I am a computer science student specialized in AI and data science, web development and data science enthusiastic with excellent communication skills as well as a deep understanding of ui/ux design.



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[github.com/mazeenkD](https://github.com/mazeenkD)



[instagram.com/mazeen\\_kd](https://instagram.com/mazeen_kd)

## SKILLS

ReactJS/ Java / Python  
/ C / MySQL

front-end web dev

time series forecasting

machine learning /  
deep learning

product design

leadership

problem solving

## LANGUAGES

Arabic  
*Native or Bilingual Proficiency*

English  
*Full Professional Proficiency*

French  
*Full Professional Proficiency*

## EDUCATION

### Computer science

Higher national School of Computer Science - Algiers

09/2019 - 10/2021,

Algiers

### Computer science / Data science and Artificial intelligence

Higher national School of Computer and Digital Sciences and Technologies - Bejaia

10/2021 - Present,

Bejaia

## ORGANIZATIONS

Google developers group - Algiers (12/2021 - Present)

*development member*

Bytecraft scientifique club

*Co-founder, logistics manager and development member*

## CERTIFICATES

Google - Foundations: Data, Data, Everywhere

University of Michigan - Programming for Everybody (Getting Started with Python) Data camp - AI Fundamentals

Data camp - Supervised Learning with scikit-learn

Enrolled in the Machine Learning Scientist with Python track

## PERSONAL PROJECTS AND ACHIEVEMENTS

DevFest21 hackathon - 4th place

- BrEYene is a mobile app under the theme of Accessibility and inclusion which gives more accessibility to the disabled people.

DevFest22 hackathon - 2nd place

- several machine learning challenges

Haick 23 datathon - 2nd place in InstaDeep challenge

- several data and machine learning challenges

Suivi de marchés de l'ESI ( academic project )

- information system under a web app

Gestin

- G-ESTIN is a web-based application to help department heads manage ESTIN

IWD22 - LG truck

- mobile app connected to LG smart fridges

## **ACADEMIC ACHIEVEMENTS**

### **leadership and project management**

Through my participation in the 2nd year academic project as a project manager, I gained valuable experience in leadership and teamwork. As the project progressed, I learned how to effectively lead and coordinate a team by delegating tasks, facilitating meetings, and providing support to my colleagues. Additionally, I developed my skills in collaboration and communication by actively contributing ideas and listening to feedback from my team members. Overall, this experience taught me the importance of teamwork and how to effectively work with others to achieve a common goal.

## EDUCATION

### Preparatory classes for Computer Science | ESI - Algiers

#### Semester 1:

Moyenne : 12.01/20

module	coefficient	note
Algorithmique et Structures de Données Statiques	5	14.25
Architectures des ordinateurs	4	10.75
Introduction au Système d'exploitation 1	3	14.2
Algèbre 1	3	9.00
Analyse mathématique 1	5	11.05
Électricité	3	14.38
Technique d'expression écrite	2	12.00
Bureautique et Web	1	14.58

link to the original transcripts:

[https://drive.google.com/drive/folders/1uHVLRTGkUPkKhnto0iUJJsfbKhyMcxe?usp=share\\_link](https://drive.google.com/drive/folders/1uHVLRTGkUPkKhnto0iUJJsfbKhyMcxe?usp=share_link)

## EDUCATION

### Preparatory classes for Computer Science | ESI - Algiers

#### Semester 2:

Moyenne : 10.35/20

module	coefficient	note
Architecture des ordinateurs 2	4	9.80
Structure Fichiers et Structures de Données	4	10.35
Algèbre 3	3	9.33
Analyse 3	5	13.67
Electronique fondamentale 2	4	6.80
Probabilités et statistiques	4	9.90
Anglais 2	2	15
Economie	1	7.62

## EDUCATION

### Preparatory classes for Computer Science | ESI - Algiers

#### Semester 3:

Moyenne : 12.34/20

module	coefficient	note
Architecture des ordinateurs 2	4	11.69
Structure Fichiers et Structures de Données	4	8.05
Algèbre 3	3	10.82
Analyse 3	5	8.16
Electronique fondamentale 2	4	13.80
Probabilités et statistiques	4	8.50
Anglais 2	2	12.09
Economie	1	12.

# EDUCATION

## Preparatory classes for Computer Science | ESI - Algiers

### Semester 4:

Moyenne : 10.06/20

module	coefficient	note
Programmation Orientée Objet	4	9.80
Introduction aux systèmes d'information	2	10.35
Analyse 4	3	9.33
Anglais 3	2	13.67
Logique Mathématique	4	6.80
Optique et Ondes électromagnétiques	3	9.90
Projet Pluridisciplinaire	4	15
Probabilités et Statistiques 2	4	7.62

## EDUCATION

### Higher cycle of Computer Science | ESTIN - Bejaia

#### Semester 1:

Moyenne : 11.74/20

module	coefficient	note
Réseaux 1	2	15.80
Système d'exploitation	3	12.57
Bases de données	3	10.95
Génie logiciel	2	10.80
Processus aléatoires et Files d'attente	2	8.60
Recherche Opérationnelle 1	2	11.05
Théorie des langages	2	12.70
Anglais technique 1	1	11.10

## EDUCATION

### Higher cycle of Computer Science | ESTIN - Bejaia

#### Semester 2:

Moyenne : 11.56/20

module	coefficient	note
Architectures distribuées et Calcul intensif	2	12.95
Intelligence Artificielle	3	12.75
Sécurité informatique	3	14.36
Réseaux 2	2	14.20
Analyse numérique	2	8.45
Méthodes formelles	2	9.45
Recherche Opérationnelle 2	2	9.05
Entrepreneuriat et start up dans le Numérique	1	7



## EDUCATION

### Higher cycle of Computer Science | ESTIN - Bejaia

#### Semester 3:

Moyenne : 11.23/20

module	coefficient	note
Complexité des Problèmes	2	10.33
Fondements du Data Science	3	7.95
Bases de données avancées	3	8.70
Ingénierie des logiciels	2	13.50
Analyse de données	2	15.25
Cloud Computing	2	16.10
Conduite de Projet	2	8.05
Anglais Technique 2	1	14.60

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## MOTIVATION

I am writing to express my strong interest in applying for the scholarship for the Master's degree program in Data Science at Clermont Auvergne Institute. As a highly motivated and dedicated individual with a passion for data analysis and machine learning, I believe that this program is the perfect fit for my academic and career goals

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My academic background in computer science and statistics, combined with my experience in data analysis and visualization, has given me a strong foundation in data science. I am excited to expand my knowledge and skills in this field through the rigorous and comprehensive curriculum offered by the program.

Furthermore, I am impressed by the reputation of Clermont Auvergne Institute and its commitment to providing students with an exceptional academic experience. I am eager to be part of this community of scholars and to contribute to the program's ongoing success.

As a candidate for the scholarship, I am confident that I possess the qualities and skills necessary to succeed in the program and make a meaningful contribution to the field of data science. I am committed to academic excellence, and I am excited to work with faculty and fellow students to achieve my goals.