

Rezkellah Rania FatmaZohra

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Profile

Currently, a fourth-year AI and Data Science student at the Higher National School For Computer Science ESI Algiers. with a strong foundation in computer science and a keen eye for detail. I'm constantly pushing the boundaries of my knowledge and experience to stay at the forefront of the latest advancements in AI and data science through my academic achievements and hands-on projects.

Education

Intelligent systems and Data student,, Higher National School For Computer Science ESI	2019 – 2024 Algiers
Baccalauréat, Said Ait Messaoudene Secondary School option: mathematics Grade: 18.57	05/2019

Languages

Arabe native	● ● ● ● ●	Français	● ● ● ● ●
Anglais	● ● ● ● ●		

Professional Experience

Data Science Intern, Mobilis Algérie Worked on an AI-based mobile app, in which we extract the feelings and interests of clients who write their own diaries, and then based on the results of classification we recommend to them multiple subscriptions.	07/2022 – 10/2022 Algiers, Algeria
Samsung Innovation Campus fellow, Samsung Electronics An AI internship/scholarship ensured by Samsung Electronics	06/2022 – 12/2022

Skills

Python for data science	● ● ● ● ●	Data preprocessing NumPy, Pandas	● ● ● ● ●
Data visualization Matplotlib, seaborn	● ● ● ● ●	Machine learning Sklearn	● ● ● ● ●
Deep learning Tensorflow, keras	● ● ● ● ●	Business analysis OLAP, data warehouses	● ● ● ● ●
Structured Query language SQL	● ● ● ● ●	Optimization techniques heuristics, metaheuristics	● ● ● ● ●
Programming languages Java, C	● ● ● ● ●	HTML5, CSS3, JS	● ● ● ● ●
Modeling and design Unified modeling language UML	● ● ● ● ●	High Performance Computing (Python, MPI, OpenMP, Pthreads)	● ● ● ● ●
Soft skills Communication, team work, collaboration, public speaking	● ● ● ● ●	Problem solving	● ● ● ● ●

Projects

Vision and innovation entreprise

04/2022

A mobile app aiming at enhancing the virtual tour experience for tourists in Algeria

Learnify game

02/2021 – 05/2021

A learning game using Dart and Flutter, specifically designed for children with engaging and interactive gameplay mechanics, including the integration of educational content for different fields.

Hafidni

2021 – 2021

A mobile appl aiming at helping Muslims memorize and learn the Quran in an efficient and user-friendly manner

Awakening

10/2022 – 12/2022

An innovative journaling mobile app that leveraged advanced AI and NLP models such as attention mechanisms and transformers

فائق

2023

FaiiQ , Super secure networks

A quantum internet deployment model using quantum modeling and algorithms such us Qubo modeling and QAOA

Community detection

2023

Developed a tree search algorithm with reinforcement learning layer for the community detection problem using monte carlo

Preemptive flowshop

2023

Developed a novel hybridization method for solving the flowshop problem using heuristics and machine learning

Distributed Baccalauréat results prediction

2023

Developed a distributed machine learning system to help schools predict their students' grades in the baccalaureat exam using RMI and machine learning

Awards

Global nominee at the NASA Space Apps challenge 2022 [↗](#)

Winner at Micro_Hack first edition 2023

First place winner at Fast_Hack hackathon 2021, *Google Developer Group GDG*

Winner at NYUAD hackathon for social good using quantum computing 2023, *New York university of Abu Dhabi*

Community manager at CSE club

Certificates

- Samsung Innovation Campus graduate
- Data analytics from KPMG [↗](#)
- Deep learning and neural nets certificate GoMyCode [↗](#)
- QBronze and QSilver quantum computing certificate
- Data analysis from Deloitte [↗](#)
- Machine learning certificate GoMyCode [↗](#)
- Business intelligence consultant GoMyCode