

HACHEM BETROUNI

FINAL YEAR PROJECT CANDIDATE

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PROFILE

I am Hachem Betrouni, a Data Science and AI student at the National Polytechnic School of Algiers, and I am looking forward to joining you at AI Hack Tunisia.

SKILLS

- Problem solving
- Fast learning
- Good search skills
- Python, C++ and JS
- Pytorch and Tensorflow
- Good git workflow
- Scientific writing
- Public speaking

LANGUAGES

English : Fluent

French : Conversational

Arabic : Native

EXPERIENCE

AI Research Intern at [InstaDeep](#)

Feb 22 - present

Working on generating spike protein sequences with GANs (generative adversarial networks), our solution has the potential of discovering new variants of concern of SARS-CoV-2 before their appearance or spread.

Freelancer at [Upwork](#)

Oct 21 - present

I work on reproducing results from research papers, implement heuristics, algorithms and write scientific reports.

Consultant at [Innoprofits](#)

Freelance

Nov 21 - present

I discuss future projects with clients and I write reports explaining technical uncertainties and technological obstacles that they will face.

Certified from [Samsung](#) in AI and ML

2021

Won a scholarship from Samsung, with them I gained practical experience with designing, implementing and communicating results of AI projects.

HACKATHONS

3rd place, Devfest 2021 Algiers

2021 [Google's](#) Developers Group

worked with my team on using AI to monitor user focus by recognizing and analyzing his posture and body language signs of distraction.

2nd place, Algerian Engineering competition 2021

2021

Worked with my team on applying semi-empirical simulation of wildfire on satellite imagery, our solution can approximate wildfire propagation in any location.

EDUCATION

National Polytechnic school of Algiers

2020-present Specialized in Data science and AI

Oct 2020 Came **top 2%** national scale.

2018-2020 Engineering preparatory classes