Imane Iraoui

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EDUCATION

University of Cambridge — Cambridge, England
Master of Philosophy in Advanced Computer Science — *Oct. 2022 – Jul. 2023*
- Mastercard Foundation Scholar.
- Modules: Machine Learning and the Physical World, Introduction to Robotics, Machine Visual Perception, Advanced Robotics, Advanced Topics in Machine Learning.

Al Akhawayn University — Ifrane, Morocco
Bachelor of Science in Computer Science, Minor in Business Administration — *Sep. 2018 – May 2022*
- CGPA: 3.94 / 4.0 - Valedictorian.
- Relevant Courses: Artificial Intelligence, Introduction to Big Data, Agile Software Engineering and DevOps.

EXPERIENCE

Back-end Developer (Part-time) — Jan. 2022 – Apr. 2023
Terra — *Rabat, Morocco (Remote)*
- Developed a mobile application for a real-estate social media platform using Node.js, MongoDB, and AWS.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines in Bitbucket and created unit tests using Jest.
- Collaborated with the team and followed agile software engineering practices, using Jira for workflow management and Bitbucket for version control.

Summer Student — June 2021 – Aug. 2021
CERN — *Geneva, Switzerland (Remote)*
- Joined the LHCb experiment, specifically the DIRAC team, and contributed to the analysis and improvement of the Dirac Benchmarking 12 (DB12) tool.
- Successfully resolved DB12 issues by porting the code to Python 3, implementing code formatting, and establishing a CI/CD pipeline using GitHub actions.
- Co-authored a research paper published in the Proceedings of Science.

Software Engineer Intern — June 2021 – Aug. 2021
Orbit Consulting — *Casablanca, Morocco*
- Gathered project requirements and implemented a full-stack website that enables users to search for sports clubs in Morocco, using PHP for the back-end and Bootstrap for the front-end.

Peer Tutor (Part-time) — Jan. 2021 – June 2021
Center for Learning Excellence — *Ifrane, Morocco*
- College Reading and Learning Association (CRLA) certified.
- Provided weekly individual and group tutoring sessions to assist over 200 students with computer science and mathematics courses.
- Led problem-solving sessions covering programming basics, data structures and algorithms, and object-oriented concepts.

Teaching Assistant (Part-time) — Sep. 2019 – Dec. 2020
Al Akhawayn University — *Ifrane, Morocco*
- Coordinated capstone presentations and organised engineering-themed events on campus.
- Prepared assignments, relevant course surveys, and graded the students' homework and quizzes.
- Proctored exams and held office hours to discuss students' concerns.

SKILLS

Programming Languages: C/C++, Java, Python, JavaScript, PHP.
Technologies/Frameworks: HTML, CSS, Django, MongoDB, MySQL, PostgreSQL, ROS2, Webots, Git.
Cloud: AWS: S3, Lambda, Cognito.
Languages: Arabic *(Native)*, English *(TOEFL iBT 120/120)*, French *(TCF TP C2)*.

Awards & Certificates

Mastercard Foundation Scholarship at the University of Cambridge.	June 2022
Excellence Award Scholarship at Al Akhawayn University.	Jan. 2021
VEX-U National Qualifier Champion.	Mar. 2021
OCP Club Makers VEX-U Tournament First Place.	Feb. 2020
Merit Scholarshipat Al Akhawayn University.	Sep. 2018
Mohammed VI Foundation Merit Scholarship.	Sep. 2018

Extracurriculars

GirlsWhoML Co-chair.	Oct. 2022 – June 2023
Cambridge MENA Society Events Officer.	Oct. 2022 – June 2023
Google Get Ahead EMEA Participant.	June 2021 – Aug. 2021
Honors Students Society Vice President.	Jan. 2020 – Jan. 2021
Computer Science for Innovation Club Treasurer.	Jan. 2020 – Jan. 2021
Al Akhawayn University Student Ambassador.	Sep. 2019 – May 2020
Student Government Association Volunteer.	Feb. 2020 – May 2020
Ifrane's Astronomy Festival Head of the Logistics Committee.	June 20219 – Sep. 2019