MEHDI OUESLATI

Passionate Computer Science & Engineering Student

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EXPERIENCE, AWARDS AND PROJECTS

Software Engineering Intern
McKay Brothers

📅 September 2021 – January 2022   📍 Paris, FRANCE

- C++   Python   Solarflare Onload   VHDL/VLSI
- Ultra Low Latency   R&D   Software Optimization

In Charge of Software Optimization at a Cryptocurrency Farm
(Private investors)

📅 March – August 2021   📍 London, UNITED KINGDOM

- Multiplied execution speed (and earnings) by 11.
- Software Optimization   Linux   Shell scripts   Python   Networking Protocols
- Chia   Proof of Space   Blockchain   Cryptocurrency

Research Assistant
Laboratoire de Recherche et de Développement de l'EPITA

📅 January 2021 – March 2021   📍 Paris, FRANCE

- Python   Embedded Type Systems   Finite Symbolic Automata

Sales Engineer
Cristal Association

📅 December 2020 – October 2021   📍 Paris, FRANCE

- Software Architecture   Sales   Specification sheets   Client relations

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🏆 Tunisian Winner and Representative at the MENA Region
United Nations Development Program - Youth Leadership Program

📅 July – November 2019   📍 Tunis, TUNISIA & Amman, JORDAN

- Javascript   NodeJS   ReactJS   MongoDB   Sustainable Development

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🏆 2nd place at the "Banking Innovation" competition
HSBC, Sia Partners, Crédit Mutuel Arkéa, AGEFI

📅 May 2019   📍 Paris, FRANCE

- Neural Networks   Bayesian Networks   Hashing Fingerprints
- Fintech   Javascript   NodeJS   ReactJS   MongoDB

Delegate at the Special Summit for Futuristic Technologies
Harvard University

📅 January 2018   📍 Boston, Massachusetts, USA

- Public Speaking   English Fluency   Model United Nations
- Cybersecurity   AI and Automation   Geopolitics

🏆 Finalist in System Software
Intel's International Science and Engineering Fair

📅 May 2017   📍 Los Angeles, California, USA

- Converging Algorithms   PHP   SQL   Javascript   Java

EDUCATION

EPITA - School of Engineering & Computer Science
Engineering Degree (=M.Sc)

📅 September 2018 – June 2023

- Majoring in Data Science & Artificial Intelligence

Lycée Pierre Mendès France
French Science Baccalaureate with a specialization in Mathematics and International Option

📅 September 2013 – June 2018

Graduated Summa Cum Laude. (Mention Très Bien)

SCHOOL PROJECTS

- Chess AI in C++ (4th out of 119 at school-wide tournament)
- POSIX compliant shell in C
- Optical Character Recognizer using a ConvNet in C
- Mmap based malloc in C
- Raytracer in C
- Web Client in Java
- Proof-of-work based cryptocurrency in C#
- Multiple cryptography algorithms in OCaml

PROGRAMMING SKILLS

C   C++   Javascript   Python   PHP   Java   C#   Rust   OCaml   R

TECH PROFICIENCY

Unix/Linux   Node.js   React.js   MongoDB   SQL   REST API   Shell scripts   Networking Protocols   LATEX   Neural Networks   ConvNets   Git   Blockchain   VHDL   Assembly

SPOKEN LANGUAGES:

- Native: French   Tunsi (Tunisian Arabic)
- Bilingual fluency: English   Classical Arabic
- Beginner: Spanish

RECOMMANDATION

"Mehdi and his colleagues developed a cryptocurrency from scratch as their annual project. This project is one of the best projects from his year. This was more than a simple school project for Mehdi as he treated it like a real life work project."

*Extract from a recommendation letter written by Mr.**Ian TERNIER**, who is an algorithmic teacher at Epita*