

Ibrahim Fradj

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PROFILE

Graduated in computer engineering with hands-on experience in web development and embedded systems. Former intern at Ericsson and Orsima, currently a Developer Analyst at Innotex. Passionate about technology and committed to continuous learning.

EDUCATION

Polytechnique Montreal

Bachelor's Degree in Computer Engineering

Montreal, QC

August 2017 – September 2022

- **Specialization:** Management Tools
- **Relevant Courses:** Computer Security, Mobile Computing, Team Management, Industrial Organization

EXPERIENCES

Developer Analyst

INNOTEX

April 2023 – Present

Montreal, QC

- Manage and develop IT systems (CRM and Experlogix), improving operational efficiency by 20%.
- Optimize Microsoft Dynamics and Data Warehouse, accelerating queries by 15%.
- Ensure the development and maintenance of tools to optimize data processing time.

Software Developer

JARVIS

February 2023 – April 2023

Montreal, QC

- Completed an intensive training in SQL, Java, Linux, RDBMS, Docker, Scrum, and Git in 1 month.
- Created a monitoring agent for Linux clusters, increasing system efficiency by 15%.

Intern Developer

ERICSSON

May 2021 – December 2021

Montreal, QC

- Contributed to the open-source project 'Theia Trace Extension'; added 10 features and fixed 6 bugs.
- Coordinated 4 sprints as Scrum Master for a team of 8, delivering 20+ features.
- Improved UX and front-end by resolving 15 issues, increasing user satisfaction by 35%.

Full Stack Intern

ORSIMA

May 2020 – August 2020

Algiers, Algeria

- Designed and developed a training management application, handling both the front-end and the back-end.

HIGHLIGHT PROJECTS

Linux Cluster Monitoring | *SQL, Python, Docker, IntelliJ IDEA, crontab, Linux, Regex*

2023

- Developed a monitoring agent to collect and analyze real-time data on the resource utilization of a Linux cluster. Used Bash, SQL, Docker, IntelliJ IDEA, and crontab.

Explorer Drone Swarm | *Angular, patrons de conceptions, C, C++, GIT*

2021

- Designed a swarm of drones to explore the rooms of a building and communicate with a web application.

CERTIFICATIONS

Programming for Everybody (Getting Started with Python) | *Coursera*

2023

Python Data Structures | *Coursera*

2023

SKILLS

Programming Languages: Java, Python, C/C++, SQL, TypeScript/JavaScript, HTML/CSS, Bash, Regex, VHDL, nml

Development Frameworks and Tools: Angular, PyCharm IntelliJ IDEA, crontab, Experlogix, Microsoft Dynamics, PostgreSQL

LANGUAGES AND INTERESTS

Languages: French, English, Arabic

Interests: Robotics, Cybersecurity, AI, Website Creation, Traveling, Mixed Martial Arts, Handball, Tennis, Soccer