BENTOUHAMI Narjis

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in narjis-bentouhami

Internship starting from the end of March

I am **Narjis BENTOUHAMI**, a second-year Master's student in Computer Science at **École Centrale de Lyon**. I am looking for a final-year internship in software development starting from **the end of March**.

Experience

Software Engineer — Marrakech, Morocco
Continuum BIM — Nov 2023 – Feb 2024

- Development of Web solutions for Facility Management and integration of Building Information Modeling (BIM). **Tools**: JavaScript, Node JS, React JS, Typescript, MongoDB, Docker, Autodesk Forge API, Tailwind CSS, Git, Github

Software Engineer Intern — Marrakech, Morocco
Continuum BIM — January 2023 – July 2023

- Designed the architecture and defined core functionalities.
- Initiated the project through in-depth research to select appropriate technologies.
- Created a mobile application for Facility Management.
- Developed a Web application for Facility Management connected to BIM models.
  Tools: JavaScript, Node JS, React JS, Typescript, MongoDB, Docker, Autodesk Forge API, Tailwind CSS, Git, Github, React Native

Data Analyst Intern — Khouribga, Morocco
OCP Group — July 2022 – Sep 2022

- Developed the KPI performance dashboard for equipment based on the FMS system. **Tools**: Python ETL and Data Processing, Excel, PowerBI, Power Query, DAX

Web Developer Intern — Marrakech, Morocco
Faculty of Sciences and Technology of Marrakech — July 2021 – Aug 2021

- Created the official website for the Computer Science department. **Tools**: PHP, Symfony, MySQL

Education

École Centrale Lyon — *Sept 2024 – ongoing*
Master 2 in Information and Web Technologies (TIW)

Faculty of Sciences and Technology of Marrakech (FST) — *Sept 2019 – July 2023*
Engineering cycle in Computer Science

Academic Projects (Most Recent)

Native Android Mobile App for Emergency Call Automation

- Developed in Java using Android Studio.
- Integrated geolocation (Google Maps API, GPS) and SMS sending with GPS coordinates to emergency contacts.
- Automatic detection of emergency situations (sensors, manual trigger).

Web/Mobile Attendance Management Application Based on Facial Recognition (FST Marrakech)

- Developed with Flutter (Mobile) and Django (Web).
- Integrated facial recognition using OpenCV, TensorFlow.
- Stored attendance in Firebase database.
- Automated generation of attendance reports and notifications to students.

Skills

Languages: English (C1), French (C1), Arabic (Native).

Tools: JavaScript (ES6+), React.js (Hooks, Redux), Tailwind CSS, Bootstrap, TypeScript, Node.js, Express.js, Symfony (PHP), RESTful APIs, MongoDB, Neo4j, PostgreSQL, MySQL, Python (Flask, Django), Native Android (Java), React Native, SQLite, AsyncStorage, API Integration, Docker, Git, Github, Scrum, Trello.