

Amine ELMOURADI

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Education

ENSIMAG

Master of Science in Informatics
Information System Engineering

Grenoble, France
Sept 2021 - Present
Sept 2020 - 2021

Mohammadia School of Engineers

Computer Engineering

Rabat, Morocco
Sept 2018 - 2021

Professional Experience

Witsee

Full stack web developer - Neoxia

Grenoble, France
Apr 2021 - Aug 2021

- Built complex UI components and medical image visualisation using ReactJs and OpenLayers.
- Designed and implemented APIs using Nestjs and improved overall test coverage with cypress and jest.

Panthera

Mobile developer - Neoxia

Grenoble, France
Mar 2021 - Apr 2021

- Migrated an existing android application using a cross-platform framework Flutter.
- Implemented a binary conversion system that allows to read/write cameras configuration files.

Freelancing

Mobile Developer - [Fiverr](#)

Jun 2020 - Aug 2020

- Developed a job search mobile application using Flutter.
- Implemented "delivery boy" features to an existing e-commerce mobile application.

OCP

Software Engineering Intern

El Jadida, Morocco
Jun 2019 - Aug 2019

- Contributed to a desktop inventory management software using .NET and SQL server.

Personal Projects

Sorting Visualizer

[Website](#), [Github](#)

- Built a **React** application for visualising sorting algorithms.
- Implemented **Merge Sort**, **Quick Sort**, **Heap Sort**...

Pathfinding Visualizer

[Website](#), [Github](#)

- Built a React application for visualising **path finding algorithms**.
- Implemented different algorithms like **breadth**, **depth first search** and **A***.

Chat Application

[Website](#)

- Built a **React/Redux** and **node** application for **video chatting**!
- Used **socketIO** and **peerJs** for the **bidirectional communication**.

Sudoku Solver

[Website](#), [Github](#)

- Built an application for solving **sudoku** using **backtracking**.
- Tools: **React**, **Redux**, **typescript**, **Chakra UI**.

Skills

Languages: C, Python, Java, Typescript, Javascript, Dart

Technologies: React.js, Flutter, NestJs, Postgresql, Node, Express, Git, Docker,