

# Mikael Sourati

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## LINK

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## PROFILE

Student looking for an internship as a software engineer for my **third year of studies at Epitech Technology**.

## EMPLOYMENT HISTORY

Aug 2023 — Jan 2024

Software Engineer, Fremo Services

Remote

Training period:

- Gaining proficiency in web technologies, including **Golang** and **SQL**.
- Developing a **real-time** survey application using **WebSocket** as a final project for the training period, allowing me to take **full control** of the required technologies.
- Implementing features for **real-time data collection** and analysis, enhancing user interaction and data accuracy.

What Was Achieved:

- Creating detailed specifications for project execution, ensuring **clear objectives** and deliverables.
- Designing and building **high-performance REST and WebSocket APIs**.
- Collaborating with healthcare professionals to **design realistic scenarios** and training modules, focusing on improving emergency response skills and crisis management.
- Achieving a **92% reduction in the number of deaths** in crisis situations through simulation training for hospital staff.

Sep 2024 — Mar 2025

Software Engineer, Smode Tech

Paris

Integrating a C++ solution using **Nvidia's API** to enforce specific graphic parameters in our application. My tasks include:

- Developing a module to **automate the configuration of Nvidia graphic settings** on dedicated machines.
- Leveraging **NVAPI** to **access and control graphical properties**, ensuring consistent progress towards project goals.
- Collaborating closely with the Research and Development (R&D) team to **enhance the graphical performance of the software**, participating in **technical reviews** to align software needs with hardware capabilities.

## EDUCATION

Sep 2022 — Sep 2027

Master of Science, Epitech Paris

Paris

Master of Science – Computer Science

## EXTRACURRICULAR ACTIVITY

Jul 2023 — Jul 2023

Eth Prague Hackathon:

Prague

- Mitigating fraud in permissionless quadratic funding for public goods through an **Open Data Pipeline** and **Sybil Defender project**
- Integrating with **Gitcoin** and **TheGraph API** to fetch and process grant and blockchain data, which is stored in **PostgreSQL**.
- Automating data tracking, **identifying fraudulent activities**, and developing data visualization tools to **assist grant and airdrop operators** in monitoring and responding to suspicious behavior.

Jan 2021 — Present

Crypto-currency trading:

Paris

Engaging in **trading cryptocurrencies** on various exchange platforms, achieving a **300% performance** over three years.

Oct 2023 — Sep 2024

Vice-president Gotta Go Hack:

Paris

- Organizing events in collaboration with **renowned entrepreneurs** to foster innovation and networking.
- Creating and managing a hackathon for over **100 students** with a \$1,000 cash prize.
- Coordinating logistics, **sponsorships**, and **partnerships** to ensure the success of the events.

## SKILLS

C/C++, Go, Git, Bash, Docker,  
SQL, Shell, AWS, PostgreSQL