

# Bilal Belli

Address : Montpellier, France  
Mobile : +33 7 48 24 30 64  
Email : bilal.belli@etu.umontpellier.fr

LinkedIn : [linkedin.com/in/belli-bilal](https://linkedin.com/in/belli-bilal)  
Github : [github.com/Bilal-Belli](https://github.com/Bilal-Belli)

## PROFILE

Computer Systems Engineer and Master's student in Software Engineering at the University of Montpellier, with a strong interest in web development. Currently actively seeking a **6-month** professional internship, either in-person or hybrid, aligned with my experience and skills in **Software Engineering**.

## EXPERIENCE

### Security Research Intern, Pradeo

Montpellier, France  
1 Year

- Developed a tool for detecting malicious behavior in iOS applications from binary code.
- Implemented a decompiler for binary Mach-O files.
- Utilized Python for development, Tkinter for the GUI, Otool for disassembling, and Radare2 for binary analysis.
- Referents : [abdelhak.seriai@lirmm.fr](mailto:abdelhak.seriai@lirmm.fr) , [antoine.floch@pradeo.com](mailto:antoine.floch@pradeo.com)

### Full Stack Web Developer, AlgeriaPartners™

Algiers, Algeria  
3 Months

- Developed a web application for the Human Resources department's information system.
- Utilized NodeJs, ExpressJs, and MySQL for the backend. HTML5 and Bootstrap for the frontend.

## EDUCATION

### University of Montpellier

Master of Science (M.S.), Software Engineering

Montpellier, France  
2024 - 2025

### Higher National School of Computer Science

Master of Science (M.S.), Computer Systems Engineering

Algiers, Algeria

Bachelor of Science (B.S.), Computer Science

2021 - 2024

2019 - 2021

## TECHNICAL SKILLS

Programming Languages : Python Java C JavaScript HTML CSS

Frameworks : NodeJs React Electron Flask Bootstrap VueJS Tailwind CSS Bulma CSS

Databases : SQLite MySQL MongoDB Firebase Oracle

Project Management : Git Scrum Trello Leadership Flexibility Adaptability

## PROJECTS

### Trending Platform (Node.js, Vue.js, Tailwind CSS)

- Aimed to help users stay up to date with the most popular repositories, tech news, new tips, and more.
- Integrated multiple APIs from popular tech websites.

### Implementation of a Content Delivery Network

- Simulated the network infrastructure using GNS3 and multiple virtual machines for servers, including cache servers, origin server, backup server, and NAS server.
- Used Nginx as a reverse proxy, Varnish for caching, and Bind9 as a DNS service.
- Created a basic web application using Flask, and deployed it on an Apache2 web server.

### Housing distribution platform (HTML, CSS, Bootstrap, Javascript)

- Contributed as a front-end developer to designing the graphical user interface (UI/UX).