



# Ibrahim Adlani

Junior Software Engineer

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## EXPERIENCES

JUN 24' — SEP 24'

**Software Engineer, Intern · Septentrio**  
Leuven, Belgium

- Currently interning as a Software Engineer, developing tools to assist hardware engineers in their tasks.
- My responsibilities include creating file encryption tools, calculation and conversion tools for position and time formats, and enabling interaction with data center machines.
- The tools are developed using Python and Django, streamlining and enhancing the efficiency of engineering processes.

Python

Django

Jenkins

Matlab

MAY 23' — JUN 24'

**Software Engineer, Apprentice · Deezer**  
Paris, France

- Advanced quality assurance methodologies in web application development at Deezer, leveraging Django, React, and Kubernetes within an Agile framework.
- Spearheaded UX design for a sophisticated prototype using Figma, and developed RESTful APIs, enhancing team efficiency and application performance.
- Championed front-end development, demonstrating expertise in coding standards and software engineering best practices, while collaborating closely with senior software engineers.
- Trained extensively in QA technologies such as Appium, Selenium, and mobile testing (Android & iOS), contributing to higher software quality and reliability.

Python

Django

HTML & CSS

Bootstrap 5

JavaScript

Jenkins

Docker

SEP 21' — MAY 23'

**Software Engineer, Apprentice · IBM**  
Lille, France

- Wrote performant and robust Python code for a diverse array of client and internal projects.
- Led multiple projects related to specific client technical requests
- Communicate and collaborate with multi-disciplinary teams of engineers, infrastructure experts, clients, and stakeholders daily.
- Automated various redundant processes and documentation tasks with Python and bash scripts to increase the team's productivity by at least 20%.

Python

Shell

QRadar

IBM SOAR

JUN 21' — AUG 21'

**Software Engineer, Intern · Université Polytechnique Hauts-de-France**  
Valenciennes, France

- Worked with a team of two engineering student for a European university consortium to build a web platform for data visualization and comparison tools based on the different KPIs of the consortium's university administrations.
- Led the team in gathering, processing, and statistically analyzing collected data.
- Interfaced with all project clients weekly, providing technical expertise and knowledge.

PostgreSQL

Shell

PHP

Statistical analysis

APR 21' — JUN 21'

**Software Engineer, Intern · Département des Ardennes**  
Charleville-Mézières, France

- Engineered a PHP interface between the French ministry of education's ticket systems and the departmental council JIRA platform to decentralize the department ticketing process.
- Create a script to automatically parse incoming XML files from an automated emailing system.
- Architected multiple MySQL databases to store properly all the parsed elements.
- Developed a JS single-page application to track the inventory shifts for the department laboratory.

PHP

GLPI

SMTP

Shell

PostgreSQL

## SKILLS

### Programming Languages

MAIN

Python, JavaScript, SQL, Bash, Java

SECONDARY

C++, PHP, Rust

### Technologies

Django, React, TailwindCSS, Bootstrap, Github Actions, Jenkins, Selenium, Docker, Firebase, Kubernetes, MySQL, PostgreSQL, Jest, PyTest, Figma (UX/UI), Git, Github, AWS (EC2,S3, R53)

### Languages

French (Native), English (Fluent), Spanish (Intermediate), Arabic (Intermediate)

## EDUCATION

SEP 22' — AUG 24'

**Master of Engineering, Computer Sciences**  
CY Tech · Cergy, France

GPA 3.5

Software Engineering

Cybersecurity

SEP 21' — AUG 22'

**Bachelor of Engineering, Computer Sciences**  
CY Tech · Cergy, France

GPA 3.5

Software Engineering

Infrastructure

SEP 19' — AUG 21'

**Associate Degree, Computer Sciences**  
UPHF · Maubeuge, France

GPA 3.7

Software Engineering

Infrastructure

## CERTIFICATIONS

JAN 20'

**Cyber Security Operations and Technology Solutions**  
IBM

IBM SOAR

QRadar

Cyber Security

NOV 21'

**Data Visualization**  
freeCodeCamp

D3.js

JavaScript

NOV 21'

**JavaScript Algorithms and Data Structures**  
freeCodeCamp

JavaScript

Data structure

Algorithms

JAN 21'

**Scientific Computing with Python**  
freeCodeCamp

Python3