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 exprtise 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 structures` `Algorithms`

JAN 21'

Scientific Computing with Python
freeCodeCamp

`Python3`