

# MOHCINE ROUESSI

Computer Science Major – LOOKING FOR 6-8 MONTHS INTERNSHIP  
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## Work EXPERIENCE

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### Mobile & Backend Developer

JP&Co, Casablanca

Morocco, Casablanca ( May - September 2020 )

- Worked on « DigiShare Project » which is a social professional network for 4 Moroccan companies
- Built UI for mobile application with Dart on Flutter where I integrated Leaflet library
- Developed REST API using NodeJS, ExpressJs and JWT, and MongoDB as storage solution
- Real-time communication using SocketIO to implement chat and notifications features

### Web Developer

Business Innovation

Morocco, Casablanca ( July - September 2019 )

- Designed and Developed web application for a Moroccan hostel
- Main features were reservation and receiving feedbacks from previous customers
- I used Python with Django in backend side and deployed on Heroku

### Call Center Agent

Intelcia, Casablanca

Morocco, Casablanca ( June - July 2019 )

- Worked for the French Telecom Operator SFR
- Provide technical support for the new FTTH customers on all services ( Internet, Television, Phone)
- Sell additional phone and television packages

## SIDE PROJECTS

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### E-commerce Web App

- Built e-commerce web application for movies and books selling
- Backend with JAVA on Spring Boot, Spring MVC, Spring Data, Spring Security, Hibernate, MySQL
- Frontend : TypeScript, Angular with ngRX for state management

### Recommendation System

- Recommendation engine following the collaborative filtering approach
- I used Python with open source libraries such as Pandas, Numpy and Scikit-learn

### Algorithms Visualizations

- Implemented Path finding algorithms as A\* and Dijkstra, Sorting Algorithms as Merge, Heap, Bubble sorts, using JavaScript with React library and Redux for state management

## END OF YEAR PROJECT

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### Built Docker Engine for Secure Users

- Creation of Docker files and Docker-compose yaml files
- Security configuration for Docker containers
- Orchestration of the Docker containers with Docker Swarm

## ACADEMIC PROJECTS

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### My-Loan

- Web application for loans application and follow-up of the application progress as well as the acquired loans.
- The main users of the application are the bank customers and employees
- Tech Stack : Java, Spring Boot, Spring Security, Spring Data, Hibernate, PostgreSQL, Thymleaf, HTML, CSS

### Library Management

- Desktop Application for NSAS library management
- Used Java with Swing and MySQL
- Applied Design Patterns such as Observer, Method & Abstract Factories

## EDUCATION

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### National School of Applied Sciences

Al Hoceima, Morocco (2018–Present)

- Engineer's Degree ( CS & Software Engineering)

### Faculty of Sciences And Technologies

Settat, Morocco (2014–2017)

- Pure Mathematics & Physics Science
- Ranked top 6% from 500 students