

## Skills

### Programming languages:

- Java
- Python
- PHP
- HTML
- C++
- JavaScript
- Scala

### Tools:

- Git
- Gerrit
- Jenkins
- Docker
- Maven
- Bazel
- Ansible
- SSH
- Grafana
- JUnit
- Mockito
- Cucumber
- Gatling

### Databases:

- MySQL
- Postgres

### Operating Systems:

- Ubuntu
- Kali
- MacOS
- Windows

### Languages:

- English (Fluent)
- French (Professional)

## Interests

### Professional

- DevOps
- Distributed Systems
- Web Security
- JVM

### Personal

- Soccer
- Judo
- Gaming
- Philosophy
- History

# Hamza Kaced

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🌐 github.com/hamzayoucefkaced/

## Education

### Concordia University, BSc Computer Science

01/2017 – present | Montreal, Canada

Specializing in **Web Apps and Services**

## Professional Experience

### Ericsson, Software Developer Intern

01/2020 – 08/2020 | Montreal, Canada

- Improved software performance by 50% through developing critical features for offloading replication tasks from the main node to a replica on a distributed system using Java and Bazel
- Improved the internal development process by writing Unit, Integration, Smoke and e2e tests using JUnit and Cucumber that were incorporated in the Jenkins CI/CD pipeline
- Automated verification tasks on the Jenkins pipeline by writing and incorporating Python and Bash scripts which enforce company guidelines in the build process done by Maven
- Packaged and rigorously tested release candidates using Maven and Jenkins before being deployed to thousands of customers
- Tools: Java, Gerrit, Git, Python, Jenkins, Linux, Docker, Bash, Bazel, Maven, Cucumber, JUnit, Mockito, Ansible, Grafana, Jira, Vim, Scala

## Projects

### Humaine

- Worked on a virtual doctor that uses AI to give patients' diagnosis after analyzing patients symptoms that are verbally given to the software
- Worked in a team of 4 for HackHarvard'19
- Created a NLP feature that inputs the user's voice and analyzes their sentiment to produce a quality of communication report using Python and Watson
- Won the Best Social Impact award

### SimpleTOS

- Created a web app which gives a summary/rating of a website's Terms of Service using AI
- Worked in a team of 4 for ConUHacks
- Created a Google Chrome extension for the app using JavaScript and HTML

### BlackJack

- Developed BlackJack using Java
- Designed AI to allow the player to play against the computer
- Used JUnit to conduct Unit tests
- Used best OOP practices to allow for better maintainability and functionality

### BookBot

- Created a bot that parses commands from the Discord platform using Java
- Created a database using MySQL to store the book contents
- Used Maven to package the build with the necessary dependencies
- Used Heroku to host the jar online for 24/7 availability