

Hamza Kaced

📍 Montreal, Canada

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🎓 Education

Concordia University, BSc Computer Science
Specializing in **Web Apps and Services**

01/2017 – 12/2021 | Montreal, Canada

🧠 Skills

Programming languages:

Java, Python, PHP, HTML, C++,
JavaScript

Tools:

Git, Jenkins, Docker, Maven, Bazel,
Bash, SSH, Grafana, JUnit,
Mockito, Cucumber, Jira, Vim,
Gatling

Databases:

MySQL, Postgres

Operating Systems:

Linux Ubuntu, Linux Kali, MacOS,
Windows

👜 Professional Experience

Ericsson, DevOps Developer Intern ✕

01/2020 – 08/2020 | Montreal, Canada

- Part of an **international Agile team** working on Ericsson's **Gerrit** fork which is **one of the largest Gerrit deployments on the planet**
- Mainly developed in **Java**, but some of my tasks required me to use **Python**, **Bash** and **Scala**
- Contributed to the **Open Source Gerrit project** through **high standards of Java** and **Git usage**
- **Improved performance by 50%** by helping **develop critical features on a distributed system**
- Wrote **Unit**, **Integration**, **smoke** and **e2e tests** that were incorporated in the **Jenkins CI/CD** pipeline
- Responsible for **packaging** and **rigorously testing release candidates** before being **deployed to thousands of customers**
- Configured and monitored Development, Staging and Production environments hosted on remote **Linux** servers
- Improved internal **Jenkins** CI for a smoother development process through creating and modifying jobs
- Improved User Experience through **Open Source Elasticsearch** changes
- **Tools**: Java, Git, Python, Jenkins, Linux, Docker, Bash, Bazel, Maven, Cucumber, JUnit, Mockito, Gatling, Grafana, Jira, Vim, Scala

🏆 Awards

Best Social Impact, Coding it Forward, Harvard University ✕

Won **Best Social Impact** award in Hackathon hosted by **Harvard University** for the **Humaine** project. The **Humaine** team was awarded from a pool of 82 teams, which included highly competitive participants from prestigious universities such as MIT and Harvard.

📁 Projects

Humaine ✕

- Worked on a **medical project** that uses **AI** in a **team of 4** for **HackHarvard**, a Hackathon hosted by **Harvard University**
- Created a **sentiment analysis** feature and **visualized** its results using **Python** and **IBM Watson**

SimpleTOS ✕

- Created a **web app** in a **team of 4** which focuses on shortening Terms of Service for users using **AI** for **ConUHacks V**
- 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**

📖 Interests

Professional: DevOps, Distributed Systems, Web Security, Low Level Java (JVM)

Personal: Soccer, Judo, Gaming, Philosophy and History