

Matthieu Roux

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Professional Experience

ecobee, Server Developer Coop

May 2019 – June 2020

- Developed ecobee Haven and part of the ecobee smartCamera backend, which launched in 2020.
- Maintained and developed a scalable, event driven backend that powered more than 1.5 million thermostats.
- Initiated the development of a new internal tool that led to vast debugging speed improvements across the company.
- Redesigned and rewrote most of the team's testing frameworks in order to improve robustness and reliability of the team's services.

LafargeHolcim, Java Web Developer Intern

May 2018 – July 2018

- Learned how to build two web apps using MVC, Spring Boot, JPA, Hibernate and MySQL.
- Led the design of one on the app from the UX phase to the front-end and backend implementations.

LafargeHolcim, Website Development Intern

June 2017 - July 2017

- Coordinated the creation of the Allmix division website which can be found at: <http://allmixconcrete.ca/>

Experience Intern, LMA Communication

April 2017 – May 2017

- Administered and developed existing WordPress websites.

Education

Bachelor of Applied Science, Computer Engineering, Queen's University, Kingston, ON

September 2016 - April 2021

- Learned how to build two web apps using MVC, Spring Boot, JPA, Hibernate and MySQL.
- Led the design of one on the app from the UX phase to the front-end and backend implementations.

Skills

- Bilingual in French and English
- Professional experience in Go, Python and Java.
- Also worked on C, C++, Flutter, HTML, CSS and JavaScript/TypeScript.
- Used a wide variety of GCP (PubSub, Datastore, CloudSQL, Cloud Engine) and AWS.
- Deep understanding of lean development and software pipeline integrations.

Extras

inQubate, Team Member

August 2020 - April 2021

- inQubate is a subset of Queen's student run AI team (QMIND), with an emphasis on entrepreneurship.

QWeb, Director of Design

September 2020 - April 2021

- Designed numerous websites for our design teams to make
- Instructed teams the fundamentals of making comprehensible UX and elegant UIs.

Graphic Designer, Engineering Society Communication Team

September 2017 - April 2018

- Designed content for students in need including logos, graphics, tags, PowerPoint slides and more.
- Refined my skills on Adobe Creative Suite