


Benoît JEAUROND

3rd year **Software Engineering** bilingual COOP student

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EDUCATION

○ Bachelor of Applied Science, Software Engineering | University of Ottawa

2017 – 2022

CGPA: 9.3

- Member of uOttawa's Robobat Team for **3 years**, now the **team and software lead** leading meetings, organizing tasks, following up with members, and working on my assigned tasks. Also, worked on image detection of buoys
- Organized and volunteered at the **CANDEV data challenge** for Statistics Canada
- Attended two uOttHack **Hackathons**, creating a mobile game with OpenGL and mobile hospital kiosk applications using Firebase



Awards

- Chancellor's Scholarship
- Dean's Excellence Award
- Nortel Founding Scholarship for the SITE



EXPERIENCE

○ Software Developer | Ario Platform

FALL 2019

- Developed features for the platform in **Ruby on Rails** using **Test Driven Development**
- Improved **performance** and **security** of file downloads and uploads of the platform
- Worked on a **encrypted** file transfer and database attributes in Ruby and Ruby on Rails respectively
- Created **background jobs** to make **asynchronous** processes, that were previously synchronous

○ Software Developer | Innovation, Science and Economic Development Canada

WINTER 2019

- Developed a **React Native** application to ease the time management for students
- Incorporated **Google Identity** for the login process of the application
- Integrated **Google Calendar** as our calendar/events database and used it to compare schedules
- Added **Firebase** to send notifications between users and to collect information about the users
- Created and implemented the design for the application in **Adobe XD**
- Integrated the CI/CD for our application with **CircleCI** (building, testing, linting, and deployment)

○ Junior Officer for Community Enablement | Treasury Board of Canada Secretariat

SUMMER 2018

- Extracted data from online databases with **JavaScript injections** and **Python automation**
- Created Excel spreadsheets from injections' data (JSON databases) with Python
- Created executive profiles from the Excel database with VBA macros
- Linked the NOC 2016 codes with the O*NET-SOC 2010 codes with VBA in Excel



PROJECTS

- Programmed a **network monitoring system** using a Raspberry Pi and a **GraphQL** server deployed in a DigitalOcean droplet interfacing a React Native client with **Apollo** managing GraphQL calls and **redux** for the state
- Created a personal website in **React** which populates its content from the GitHub API
- Developed multiple **JavaFX games**, such as Tetris, Sudoku, Poker, TicTacToe, and Snake



SKILLS

- Solid **web development** foundation with React, Gatsby.js, Ruby on Rails, and Angular
- Strong knowledge of **mobile development** with Android Studio, React Native, and Flutter
- Helped the GitHub community by reporting issues on widely used modules (e.g. React Native)
- Prepared weekly reports while following the **agile development** with Jira and presenting **demos** of our product