Benoît JEAUROND

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

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🏛 EDUCATION

Bachelor of Applied Science, Software Engineering | University of Ottawa   CGPA: **9.3**
2017 – 2022
- Member of uOttawa's Robobat Team for **3 years**, now the **software lead** leading meetings, organizing tasks, following up with members, and working on my assigned tasks. Also, worked on image detection of buoys
- **Software lead** of the new uOttawa's **Mars Rover Team**, setting up a solid foundation
- Organized and volunteered at the **CANDEV data challenge** for Statistics Canada
- Attended two uOttaHack **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 (PRESENT)
- Developed features for the platform in **Ruby on Rails** using **Test Driven Development**
- Worked on improving **performance** and **security** on file downloads of the platform

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 React Native **network monitoring system** using a Raspberry Pi and Firebase
- 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, Flutter, and React Native
- 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