JEREMIE BORNAIS

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EXPERIENCE

Software Engineer Intern

Publicis Sapient

📅 June 2022 - August 2022   📍 Toronto, ON

- Created and deployed a **GraphQL** API using **Java, Spring Boot, and PostgreSQL**
- Used **GitHub Actions** to set up automated **CI/CD** workflows.

Software Developer Intern

Assent Inc.

📅 January 2022 - May 2022   📍 Ottawa, ON

- Used **Angular and SCSS** to create and update front-end components, adhering to strict styling standards.
- Used **C# and .NET Core** to create API endpoints, unit tests, component tests, and integration tests.

Software Developer Intern

Green Shield Canada

📅 May 2021 - August 2021   📍 Windsor, ON

- Used **Oracle PL/SQL** to create Data Reports and Extracts
- Created automation scripts with **Python and JavaScript** to **reduce number of clicks required by 10** per report

Research Assistant/Web Developer

University of Windsor

📅 June 2020 - Present   📍 Windsor, ON

- Developing a **web application** for the analysis and presentation of experimental SAS data
- Achieved **100X faster compute time** of select elements
- Using **Flask, Bootstrap, NumPy, SciPy, and Matplotlib**

Teaching Assistant

University of Windsor

📅 September 2020 - Present   📍 Windsor, ON

- Responsible for lab instruction, marking, and holding office hours for **3 core undergraduate courses**

EXTRACURRICULAR

- **President** | Computer Science Society, responsible for representing needs of students (2021-2023)
- **Co-Founder and Technical Lead** | BorderHacks, MLH Hackathon (borderhacks.com) (2020 - 2021)
- **Co-Founder and Technical Lead** | WinHacks, MLH Hackathon (winhacks.ca) (2020-2022)

EDUCATION

Bachelors of Computer Science (Honours)

University of Windsor

📅 September 2019 - August 2023

- **98.1%** Major Avg, **97.8%** Cumulative Avg
- Recipient of the President's Scholarship, Eleanor Catherine Wallace Memorial Scholarship and Foresters Scholarship

SKILLS

PROGRAMMING: Python, JavaScript, Go, Java, C#, HTML, CSS, C++, SQL, C, Ruby, SCSS
TECHNOLOGIES: Git, Linux, Flask, Spring Boot, Gin, .NET Core, React Native, Angular, Svelte, Bootstrap
CLOUD: Google Cloud Platform, Microsoft Azure, DigitalOcean, Heroku
LANGUAGES: English, French (DELF B1 Certified)

PROJECTS

⌨ Automagic Websites

- Full stack web app featuring **secure user authentication**
- Allows users to create, host, and export their own simple website
- Created using **Python, Flask, SQLAlchemy, Bootstrap**

⌨ Easy-MASM

- Automated system for assembling, linking, and executing **MASM32** programs
- Used by over **200 students**
- Created using **bash and batch**

⌨ UWindsor API

- **REST API** created to serve data related to the University of Windsor
- Serves course, staff and building data
- Created using **Golang, Gin, and SQLX**

⌨ CS Student Calculator

- **JavaScript-based** web application designed to assist computer science students
- Allows conversion between different number bases, matrix multiplication, solving Ax=b relations, and much more
- Developed using **JavaScript, Math.js, and Bootstrap**