

# 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
- Streamlined report generation by **90%** using **Python** and **JS**

### Research Assistant/Web Developer

#### University of Windsor

📅 June 2020 - April 2023

📍 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 - June 2023

📍 Windsor, ON

- Responsible for lab instruction, marking, and holding office hours for **4 core undergraduate courses**

## EXTRACURRICULAR

- **President | Computer Science Society**: Led a team of 20 volunteers to create applications, organize events, and represent over 900 undergraduate students (2021-2023)
- **Co-Founder and Technical Lead | WinHacks**: MLH Hackathon (winhacks.ca) (2020-2022)
- **Co-Founder and Technical Lead | BorderHacks**: MLH Hackathon (borderhacks.com) (2020-2021)

## EDUCATION

### Bachelors of Computer Science (Honours)

#### University of Windsor

📅 September 2019 - June 2023

- **97.40%** Major Average, **97.45%** Cumulative Average
- Recipient of the President's Scholarship, Eleanor Catherine Wallace Memorial Scholarship, and Foresters Scholarship

## SKILLS

**PROGRAMMING**: Python, JavaScript, Go, Java, C#, HTML, CSS/SCSS, C++, SQL, C, Ruby

**FRAMEWORKS**: Flask, React Native, Svelte, Angular, React.js, Gin, .NET Core, Spring Boot, Bootstrap, Ruby on Rails

**TECHNOLOGIES**: Git, Linux, Docker, Caddy Server, GraphQL, REST API, OAuth2, CI/CD, GitHub Actions

**CLOUD**: Google Cloud Platform, Microsoft Azure, DigitalOcean, Heroku

## 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**

### 🔗 UWindsor Discord Authentication

- Web interface to authenticate UWindsor students and add them to a Discord server
- Uses **OAuth2** to prevent professors, staff, and non-students from joining
- Created using **Python**, **Flask**, **SQLAlchemy**, and **OAuth2**