

# JEREMIE BORNAIS

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## EXPERIENCE

### Software Developer

#### Assent Inc.

📅 September 2024 - Present 📍 Ottawa, ON

- Developed front-end components with **Angular** and **SCSS** to meet design and accessibility standards.
- Built and maintained API services using **C#** and **.NET Core**, following **test-driven development** practices.

### Software Engineer

#### RIIS LLC

📅 January 2024 - September 2024 📍 Troy, MI

- Developed a full-stack web application using **React.js** and **Flask** for a client in the energy industry.
- Released an Android application for connecting to an IoT device using **Kotlin**.
- Created a full-stack AI-powered web application using **Next.js**, **FastAPI**, and **PostgreSQL**.

### Software Engineer Intern

#### Publicis Sapient

📅 June 2022 - August 2022 📍 Toronto, ON

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

### Software Developer Intern

#### Assent Inc.

📅 January 2022 - April 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

### Research Software Developer

#### University of Windsor

📅 June 2020 - April 2023 📍 Windsor, ON

- Developed 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**

## EDUCATION

### Bachelors of Computer Science (Honours)

#### University of Windsor

📅 September 2019 - October 2023

- **97.40%** Major Average, **97.25%** Cumulative Average
- Recipient of the President's Scholarship, Eleanor Catherine Wallace Memorial Scholarship, and Foresters Scholarship

## SKILLS

**Programming:** Python, JavaScript, TypeScript, C#, Go, Java, HTML, CSS, SCSS, C++, SQL, C, Ruby

**Frameworks:** Angular, .NET Core, Flask, React.js, React Native, Svelte, Spring Boot, Bootstrap

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

**Cloud:** Google Cloud Platform, Microsoft Azure, Amazon Web Services, DigitalOcean

## VOLUNTEERING

- **President | UWindsor 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:** Co-founded and created website for MLH Hackathon (winhacks.ca) (2020-2022)

- **Co-Founder and Technical Lead | BorderHacks:** Co-founded and created website for MLH Hackathon (borderhacks.com) (2020-2021)

## PROJECTS

### 🔄 Easy-MASM

- Automated system for assembling, linking, and executing **MASM32** programs
- Used by over **500 students**
- Made with **Docker**, **bash** and **batch**

### 🔄 UWindsor API

- **REST API** created to enable developers to create applications for the UWindsor community
- Serves course, staff and building data related to the University of Windsor
- Made with **Go**, **Gin**, and **SQLX**

### 🔄 Automagic Websites

- Full stack web application featuring **user authentication**
- Allows users to **create**, **host**, and **export** their own personal website
- Made with **Python**, **Flask**, **SQLAlchemy**, **Bootstrap**