

BRENDAN GODDARD

Software Engineer

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☎ 519-317-9147

📍 London, Ontario



<https://www.linkedin.com/in/brendan-goddard/>

EDUCATION

Higher National Diploma
Computer Science

Fanshawe College

📅 Sep 2022 - Jan 2025

SKILLS

- Node.js
- JavaScript
- User Interface Design
- Software Design
- .NET Framework
- Software Infrastructure
- Software Industry
- Machine Learning
- HTML
- Software Projects
- Algorithms
- React.js
- Object-Oriented Programming (OOP)
- Data Structures
- SQL
- C++
- Programming Languages
- Programming
- Mentoring
- Leadership
- Java

WORK EXPERIENCE

Mentor - Software + Strategy

Oakbotics

📅 May 2022 - current 📍 London

- Current mentor for the programming and strategy team of FRC 3739
- Worked alongside students to improve autonomous commands and movements, through the introduction of path following, sequential and parallel event based programming, as well as live debugging and tuning of PID loop systems.
- Helped students to develop and utilize robot odometry, as well as a neural network to detect game pieces, and at the push of a button, drive to the piece without the support of driver input.
- Instructed students in Java programming, enhancing understanding from basic concepts to advanced topics such as command groups, subsystem programming, and autonomous programming.

Software Development COOP

Armo-Tool

📅 Sep 2024 - Dec 2024 📍 London, Ontario, Canada

- Armo-Tool IT Team
- Designed and implemented a 24/7 auditing system with a JavaScript-based website, enabling real-time tracking of record changes. Users can easily navigate to the site and review changes associated with specific user forms, enhancing transparency and accessibility.
- Developed Python scripts leveraging Tesseract OCR to automate the mirroring of PDF drawings, optimizing the handling of CAD designs and improving document workflows.
- Delivered robust solutions that integrated seamlessly with existing systems, reducing manual effort and providing actionable insights to users.

Software Developer - Business and Automation

Bell Canada

📅 Jan 2024 - Apr 2024 📍 London, Ontario, Canada

- Business and Automation Team
- Developed a .Net application, which communicates with backend company servers and front end user selections to price certain business ventures based on years, location, and other multiple factors.
- Included features such as pulling current data based on selected network, as well as allowing user to input new data to be added to the server, as well as allowing for users to create new options for saving.
- Developed multiple python scripts to allow for automation of business reports through excel. Script pulled data from an excel sheet and dropped it to the server.
- Participated in weekly team meetings, as well as 1:1 meetings with managers, and coworkers.