

EDUCATION

BSc in Computer Science Brock University July 2025

- **Relevant Coursework:** Data Structures, Algorithms, Database Management, Software Engineering, Natural Language Processing, Neural Networks, Robotics
- **Certificates:** Meta Front-End Developer, Meta JavaScript Programming, Meta Version Control

SKILLS

- **Languages:** Python, JavaScript, TypeScript, Java, SQL, HTML, CSS
- **Frameworks/Libraries:** React, Next.js, Node.js, Numpy, Pandas, TailwindCSS, Flutter
- **Developer Tools:** Git, GitHub, VS Code, PyCharm, IntelliJ, Cursor, CLI, Jira

EXPERIENCE

Pro Shop Team Lead Grand Niagara Golf Club Apr 2023 - Present

- Developed and deployed a Python/CSV tool automating guest pass tracking, replacing an error-prone manual system and reducing transaction times.
- Diagnosed and resolved IT issues, optimizing printer configurations facility-wide to reduce waste and improve operational efficiency.
- Led daily POS operations (150+ transactions/day), enhancing procedures to contribute to a 25% reduction in discrepancies.
- Trained and onboarded 5+ new team members on all operational procedures, POS software, booking systems, and opening/closing duties.
- Managed daily check-in for 200+ golfers, optimizing course flow and customer experience through optimized procedures.

IT Support Technician (Co-op) Government of Canada Sep 2022 - Dec 2022

- Contributed to the management and support of over 100,000 mobile devices across federal branches using Mobile Device Management (MDM) solutions, minimizing potential downtime.
- Executed systematic weekly infrastructure health checks on critical servers, identifying potential issues to contribute to nation-wide service stability and outage prevention.
- Performed routine back-end server maintenance tasks (e.g., monitoring, updates) contributing to the achievement of high system availability.
- Collaborated with large-scale technology vendors in weekly meetings to align on technical requirements and escalate critical support issues.

PROJECTS

Consistify Flutter 2025 - Present

- Developed a mobile app for users to build consistency with healthy habits through social pressures and community incentives such as points tracking.
- Developed a points system to introduce competition among users within your community in order to incentivize users to stay committed to consistent habit formation.
- Developed using AI tools and LLM's such as Cursor with Gemini and Claude, as well as Claude Code.

CourseMix Next.js / React / TypeScript 2025

- Built and deployed a full-stack academic planning platform for Brock University students, reaching 25+ users.
- Engineered backend algorithms to support personalized course recommendations, graduation timeline projections, and secure, encrypted grade storage.
- Automated the ingestion of academic program data into a Postgres database using Python scripts.