Bradley Edwards

4A Computer Science and Business Double Degree Student

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SKILLS

Languages JavaScript, TypeScript, C++, SQL, Python, Java, HTML, CSS, Racket
Libraries, Frameworks, and Tools Node.js, React, OpenCV, Express, AWS, MongoDB, Git, Bash
Areas of Expertise Data Structures and Algorithms, RPA, Data Transformation, Database Design

EDUCATION

University of Waterloo Sep 2017 – Aug 2022
Bachelor of Computer Science,
85.1% CGPA

Wilfrid Laurier University Sep 2017 – Aug 2022
Bachelor of Business Administration (Finance),
89.2% Business GPA

EXPERIENCE

BorgIQ Jan 2020 – Sep 2020
Software Developer, Early Stage

- Engineered 'Templates' feature, reducing the time it takes users to build RPA automations by over 70%
- Developed the BorgIQ Desktop Client, enabling users to seamlessly receive product updates, manage security settings, and customize application preferences
- Developed an automated CI/CD pipeline with GitHub Actions; implemented Jest unit testing and multiple environments, resulting in an improved development workflow

IBM Canada Jan 2019 – Apr 2019
Software Engineering Consultant, Microsoft Practice

- Co-lead a team responsible for automating vendor audits, yielding $200,000 in annual savings
- Architected a workflow that accommodates asynchronous file processing, reducing load time by 93%
- Set up Proof-of-Concept autonomous drone inventory counts, using OpenCV to recalibrate position

XE Digital May 2018 – Aug 2018
Application Developer, Systems Team

- Integrated GeoIP look-up into a Shopify currency converter, allowing thousands of online stores to automatically display prices in each customer's local currency
- Created a single-page React admin panel, empowering merchants to customize their currency selector
- Migrated Alexa skillsets from Java to Node.js, and implemented a skill to provide historic exchange rates

PROJECTS

DevLink | MongoDB, Express, React, Node.js

- A platform for computer science students to connect, create portfolios, and share content

BudgetBuddy | Java

- An Android app that recommends shopping alternatives to help users meet their desired budgets

ACTIVITIES

Digital Strategy Consultant
for Laurier's National Case
Competition Team

BDO New Venture
Semi-Finalist among 1,200
entrants

Double Degree Mentor
Organize review sessions
for first year students