

Bradley Edwards

4B Computer Science and Business Double Degree Student

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bradleyedwards.com

SKILLS

Languages JavaScript, TypeScript, C++, SQL, Python, Java, Go, HTML, CSS, Racket

Libraries & Frameworks Node, React, MySQL, MongoDB, Express, AWS, gRPC, Digital Ocean

Areas of Expertise Data Structures, Algorithm Design, RPA, ETL, Database Design, User Interfaces

EDUCATION

University of Waterloo Sep 2017 – Apr 2022

Bachelor of Computer Science,

85.1% CGPA

Wilfrid Laurier University Sep 2017 – Apr 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
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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
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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