

# Devon Miller-Junk

## Computer Engineering

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in DevonMiller-Junk

🌐 DevonMillerJunk

### ⚙️ Skills

**Languages:** TypeScript, JavaScript, HTML, SCSS, SQL, C++, C, Python,

**Tools:** Node, React, Express, Bootstrap, REST, GraphQL, Google Analytics, Puppeteer, Jest

**Databases:** Elasticsearch, MongoDB, Postgres, Redis

**DevOps:** AWS, Azure, Docker, CI/CD

**Great Communicator** experienced creating and maintaining technical documentation for different sized teams of developers and designers

**Time Management** skills from being a Varsity Athlete on the Waterloo Swim team while maintaining excellent Academic Standing

**Problem Solver** from years competing in math and programming competitions

### 👜 Experience

#### Full-Stack Developer at LCBOnext LCBO

Jan – April 2020

- Created a custom Self-Checkout Counter for the LCBO using the Square Point of Sale API as a response to COVID-19
- Programmed a challenge reporting PWA in TS and React configured with role-based access control from Auth0
- Created and managed implementation of Electronic Bin Tag API for the piloting of EBT tags in retail stores, written in Typescript and Express, using Elasticsearch in combination with a Redis cache
- Set up and monitored Google Analytics and Google Tag Manager to add data-based recommendations and services to existing apps
- Configured and controlled cloud deployments and architecture with Docker, Azure Pipelines, and Azure Services

#### Software Engineer at Doorr 🏠

May - Dec 2019

- Designed and implemented new serverless Admin portal in Typescript, reducing time spent on client requests and provided statistics and usage rates for the platform
- Developed AWS Lambda to automatically test the platform with Puppeteer and Jest, sped up testing by 50%+
- Expanded upon and fixed 3rd party mortgage application submission tool written in Typescript and Puppeteer essential for the daily use of the platform, decreasing the amount of errors by 60%

### ★ Projects

#### Raspberry Pi Debugging Tool

C++

- Developed a Raspberry Pi evaluation tool to decrease testing time of projects/labs in programming course
- Designed and created a state-machine based pseudocode interpreter for user control and design of testing scripts

#### Nowhere to Go

Python

- Used the Pygame Library to create a 2-player strategy game centered around trapping your opponent

### 🧩 Interests

- Competitive Swimming: I swim breaststroke and freestyle on the Waterloo Varsity Swim Team (+17 hrs/week) and have been swimming competitively in Canada and Puerto Rico for over 7 years
- 3D Printing/Rapid Prototyping – I've designed and created several different models and items that I then 3D printed, laser cut, or fashioned out of wood

### 🎓 Education

- University of Waterloo: Candidate for Computer Engineering Bachelor of Applied Science (2018-2023)
- Term Dean's Honours List every term, 4.0 GPA and Rank 2 in my class