

MESHA EDWARDSON

Computer Science Student & Software Developer

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EXPERIENCE

Software Developer

CapIntel

📅 December 2021 – Ongoing 📍 Waterloo, ON

- Co-designed and created an internal front-end library for financial computations
- Used Jest to automate unit tests for each method in the library, ensuring calculation accuracy
- Inserted Cypress tags to React components to support end-to-end automated testing

Full-stack Developer

Ruckify

📅 April 2021 – August 2021 📍 Ottawa, ON

- Designed and implemented a custom web component library to replace deprecated dependencies
- Integrated Segment.io's API within our back-end to track user data for marketing insights
- Refactored and maintained key functionality of the AngularJS front end

QA Automation Developer

Ruckify

📅 April 2020 – August 2020 📍 Ottawa, ON

- Reduced the average testing time from 10 minutes to 18 seconds by adding Cypress.io
- Simplified the CSS selectors for the future QA team by creating data-attributes for existing DOM
- Automated unit tests for newly developed features

Barista

Starbucks

📅 August 2018 – August 2020 📍 Ottawa, ON

- Enhanced my teamwork, multitasking, and conflict resolution skills to optimize the customer experience
- Thrived in a fast-paced working environment by communicating with fellow baristas and customers

EDUCATION

Honours Bachelor of Computer Science, Co-op

University of Waterloo

📅 Sept 2020 – May 2025

- Cumulative GPA: 82.84
- Relevant Coursework: Object-Oriented Programming, Algorithm Design and Data Abstraction, Functional Programs
- Member of the Ultimate Frisbee team

ACHIEVEMENTS



Transfer into Computer Science

Completed a competitive transfer from Honours Mathematics



Social Impact Fund Pitch Competition

Won \$2500 to help grow iContribute



University of Waterloo President's Scholarship

Recipient of a \$2000 scholarship

SKILLS

JavaScript/TypeScript

SQL

HTML/CSS

Python

C/C++

ReactJS

AngularJS

NodeJS

ExpressJS

Jest

Cypress.io

Bash

Git

Heroku

Agile

PROJECTS

Flock

NodeJS, ExpressJS, TensorflowJS

- Developed a mobile app to detect geese in images and track their location
- Built the server using Express and Node to accept image submissions and return analysis results
- Trained and implemented the object detection model using Tensorflow and Azure Custom Vision

FactCheck

ReactJS, NodeJS, ExpressJS

- Designed a chrome extension to fact check tweets
- Built out the user interface and integrated with Twitter's API to fetch tweets

Spotify Sentences

JavaScript, HTML, CSS

- Created a web-app to generate playlists that form a sentence from the song names
- Used a dynamic programming algorithm to increase the program's success rate