MESHA EDWARDSON

Computer Science Student & Software Developer

@ mnaidooe@uwaterloo.ca
medwardson

J 613-850-8592

Waterloo, ON

medwardson.ca

in medwardson

EXPERIENCE

Software Developer

CapIntel

- December 2021 Ongoing
- Waterloo, ON
- Co-designed and created an internal front-end library for financial computations
- Used Jest to create unit tests for each method in the library, ensuring calculation accuracy
- Inserted Cypress tags to React components to support end-toend 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

4

Transfer into Computer Science

Completed a competitive transfer from Honours Mathematics

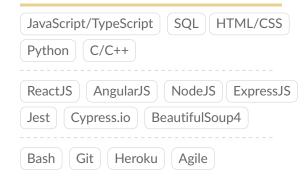
4

Social Impact Fund Pitch Competition Won \$2500 to help grow iContribute

University of Waterloo President's Scholarship

Recipient of a \$2000 scholarship

SKILLS



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