Mesha Naidoo-Edwardson

medwardson.ca · github:medwardson · linkedin:medwardson · mnaidooe@uwaterloo.ca

Waterloo, Ontario, Canada

EXPERIENCE

- **Ruckify** - *April 2021 to August 2021*
  Front-end Software Engineer Intern - Ottawa, ON
  - Co-designed a custom LitElement component library to replace depreciated dependencies.
  - Doubled Segment.io API coverage within the back-end to track user data for marketing insights.
  - Responsible for all software maintenance across the front-end codebase.

- **Ruckify** - *April 2020 to August 2020*
  QA Automation Engineer Intern - Ottawa, ON
  - Inserted data-attributes into existing DOM elements to simplify the CSS selectors for the future QA team.
  - Automated unit tests for newly developed features.
  - Reduced the average testing time per test case from **10 minutes** to **18 seconds** using Cypress.io.

EDUCATION

- **Honours Bachelor of Mathematics, Co-op**
  University of Waterloo
  Relevant Coursework: Designing Functional Programs, Data Abstraction (Adv. Level), Probability (Adv. Level)
  2020 - Present

AWARDS & RECOGNITION

- **Waterloo President's Scholarship** - *2020*
  University of Waterloo
  A $2000 scholarship awarded for achieving an average 93% in high school.

- **Haigh Award** - *2020*
  Merivale High School
  Award recognizing the graduating student who best demonstrated academic and athletic excellence.

- **Shopify Mentorship Award** - *2018*
  HackingHealth Ottawa
  Awarded mentorship for three months to continue development of our Hackathon Project.

SKILLS

- **Programming Languages**
  JavaScript, TypeScript, HTML/CSS, Python, C, PHP

- **Programming Frameworks & Tools**
  AngularJS, ReactJS, Node.js, Express.js, Tensorflow.js, LitElement, Cypress.io, Git, Azure Custom Vision

- **Project Management**
  Agile, Scrum, Microsoft Office, Google Workspace

PROJECTS

- **Flock** [git.io/JPoZM]
  Developed a mobile app to detect geese in images. Created an object detection model using Azure Custom Vision and implemented the model in the server.
  Tensorflow.js, Node.js, Express.js

- **SpotifySentences**
  [medwardson.ca/spotifysentences]
  A web-app to generate playlists that form a sentence out of the song names. Used a dynamic algorithm to increase the success probability.
  JavaScript, HTML, CSS

- **FactCheck** [git.io/JPoWo]
  A chrome extension to validate a statement made on Twitter. Built out the user interface and worked with Twitter's API to fetch content from tweets.
  ReactJS, Express.js

- **iContribute** [icontribute.community]
  A platform to support volunteerism within local youth. Currently participating in *St. Paul's Social Innovators In Training* program to refine our business model.
  Market Research, Business Analysis

OTHER HIGHLIGHTS

- Won silver at the *2019 Canadian Ultimate Championships* out of 20 qualifying teams.

- Selected to represent my store at the *Ottawa Starbucks District Barista Championships*, placing second out of 12 stores.