Mesha Naidoo-Edwardson

github.com/medwardson · medwardson.ca · 613 850-8592 · mnaidooe@uwaterloo.ca

Waterloo, Canada

EXPERIENCE

- **Ruckify**

  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.

  April 2021 to August 2021

- **Ruckify**

  QA Automation Engineer Intern - Ottawa, ON

  Created and automated test cases for the mobile and web apps. Inserted data-attributes into existing DOM elements to simplify CSS selectors. Reduced the average testing time per test case from **10 minutes** to **18 seconds** using Cypress.io.

  April 2020 to August 2020

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 Entrance Scholarship**

  University of Waterloo

  2020

- **Haigh Award**

  Merivale High School

  Award recognizing the graduating student who best demonstrated academic and athletic excellence.

  2020

- **Shopify Mentorship Award**

  HackingHealth Ottawa

  2018

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 using Tensorflow.js.

  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. Used ReactJS to build out the user interface and Express.js to run our server.

  ReactJS, Express.js

- **iContribute** [`icontribute.community`]

  A platform to supporting 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 a silver medal at the *2019 Canadian Ultimate Championships* as a team member of the Ottawa Ignite ultimate team.

- Selected to represent my store at the *Ottawa Starbucks District Barista Championships*, placing second overall.