

Mesha Naidoo-Edwardson

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EXPERIENCE

- **CapIntel - 2021 - Present**
Software Developer - Waterloo
 - Co-designing and creating an internal front-end library for financial computations
 - Creating unit tests for each method created
 - Restructured React components to include tags that support end-to-end automated testing
- **Ruckify - 2020 - 2021**
Full-stack Engineer - Ottawa
 - 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 Engineer - Ottawa**
 - 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
- **Starbucks - 2018 - 2020**
Barista - Ottawa
 - Trained new baristas by demonstrating best practices and supporting them across various positions on the floor
 - Enhanced my multitasking and conflict resolution skills to optimize the user experience
 - Quickly adapted to a fast-paced working environment to ensure streamlined service

EDUCATION

- **Honours Bachelor of Computer Science**
University of Waterloo
2020 - Present
 - Cumulative GPA: 82.84
 - Relevant Coursework: Functional Programs, Algorithm Design and Data Abstraction, Object-Oriented Programming
 - Member of the University of Waterloo Ultimate Frisbee Club

SKILLS

- **Programming Languages**
C/C++, Python, JavaScript, TypeScript, SQL, Bash
- **Programming Frameworks**
Node, Express, Angular, React, Tensorflow, LitElement, BeautifulSoup4, Cypress.io, Regular Expressions
- **Project Management & Developer Tools**
Agile, Scrum, Jira, Git, Heroku, Azure Custom Vision

PROJECTS

- **Flock**
 - Developed a mobile app to detect geese in images
 - Built the back-end server, trained and implemented the object detection model*Tensorflow, Node, Express*
- **NBA Discord Bot**
 - Created a Node.js server to retrieve and deliver NBA player stats from a SQL database to the discord bot
 - Hosted the bot and server on Heroku*Python, Node, Express, PostgreSQL*
- **FactCheck**
 - Designed a chrome extension to fact check tweets
 - Built out the user interface and integrated with Twitter's API to fetch tweets*React, Express*
- **Spotify Sentences**
 - 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*JavaScript, HTML, CSS*

OTHER HIGHLIGHTS

- Competed in St Paul University College's Social Impact Fund Pitch Competition and won \$2500
- Won silver at the 2019 Canadian Ultimate Championships, and placed 4th at the 2021 Canadian University Ultimate Championships
- Represented my store at the Ottawa Starbucks District Barista Championships, finishing second in the region