

# Mesha Naidoo-Edwardson

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## EXPERIENCE

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- **CapIntel - 2021 - Present**  
**Software Developer - Waterloo**
  - Developing a leading investment sales platform to bridge process gaps for wealth professionals
  - 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

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- **Honours Bachelor of Mathematics, Co-op**  
**University of Waterloo**  
*2020 - Present*
  - Cumulative GPA: 82.36
  - Relevant Coursework: Functional Programs, Algorithm Design and Data Abstraction, Object-Oriented Programming
  - Member of the University of Waterloo Ultimate Frisbee Club

## SKILLS

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- **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

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- **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

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- 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 4<sup>th</sup> at the 2021 Canadian University Ultimate Championships
- Represented my store at the Ottawa Starbucks District Barista Championships, finishing second in the region