

# JAKOB EDWARDSON

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## WORK EXPERIENCE

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### Front End Developer

Dec 2021 - Present

CapIntel

*Ottawa, ON*

- Created an in-house dashboard in React to visualize active worker jobs and provide insights on task history.
- Built a custom table component to present financial portfolios and fetch up-to-date metrics upon a user's request.
- Created a reusable modal component that allows advisors to group financial instruments in their comparisons.

### Full Stack Developer

Apr 2021 - Aug 2021

Ruckify

*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.

### Software Development Engineer in Test

Apr 2020 - Aug 2020

Ruckify

*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.

## PROJECTS

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### Flock - JavaScript, Node.js, Express.js, Tensorflow

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.

### Fact Check - React.js, Node.js, Express.js

Designed a chrome extension to fact check the content of tweets. Built out the user interface using React.js and integrated with Twitter's API to fetch tweet data.

### 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.

## TECHNICAL SKILLS

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### Languages

JavaScript, C/C++, Python, Scala, HTML, SQL

### Frameworks

React.js, AngularJS, Bootstrap, React Native, Node.js, Express.js, Jest

### Tools

Git, Bash, Visual Studio Code, Heroku

## EDUCATION

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### Honours Bachelor of Computer Science, Co-op, University of Waterloo

Expected 2025

- Relevant Coursework: Object Oriented Software Development, Algorithm Design, Sequential Programs.
- Major Average: 91%
- Member of Varsity Ultimate Frisbee