

# Yash Arora

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## Skills

**Languages:** TypeScript, JavaScript, Python, Java, HTML, CSS, Java, Go, SQL

**Technologies:** React, Node.js, Angular, jQuery, Jest, Express, Flask, Django

**Tools:** Git, MongoDB, Jenkins, AWS, GCP, Azure, Docker, Kubernetes

## Education

**University of Waterloo**

Sept 2019 – Apr 2023

Bachelor of Software Engineering, Honors

4.00 GPA (94% Term Average, 4x Dean's Honors List)

## Experience

### Tesla

Incoming Frontend Software Engineer Intern – Energy Platforms

Palo Alto, CA | Jan 2022 – Apr 2021

### Shopify

Frontend Software Engineering Intern

Toronto, ON | Sept 2021 – Dec 2021

- Currently working on **Hydrogen and Oxygen**, a framework and hosting platform optimized for headless ecommerce!
- Developed a dashboard using React and TypeScript to display deployment statuses for custom storefronts on Oxygen.
- Implemented polling optimizations, lazy-loading, and rate limiting using GraphQL and React, reducing API query costs by 93%.

### Carbonite

Software Engineering Intern

Boston, MA | Jan 2021 – Apr 2021

- Led the development of a feature using React and Node.js to monitor the backup statuses of ~300,000 active computers.
- Worked with PMs and UX developers on a new user interface to automatically configure computers for backup tasks.
- Leveraged Jest, Enzyme, Karma, Webpack, and jQuery to write unit and integration tests for Angular and React components.

### Localintel

Software Engineering Intern

Seattle, WA | May 2021 – Aug 2020

- Developed a **visualization tool** with Angular and jQuery to display logistics and accessibility statistics for US infrastructure.
- Built a data management portal using Typescript, Angular, and Node.js to automatically perform client map updates.
- Automated the execution of Python and Node.js scripts using Airflow, reducing on-call developer time by 12 hours weekly.

### Hatch

Software Developer Intern

Toronto, ON | Jan 2021 – June 2019

- Prototyped a notification delivery service using Python and GraphQL to increase user retention on the learning platform.

## Projects

**Ohana** | Free Online Code Collaborator (**Try it!**) | Node.js, React, Express, Socket.IO, Firebase

itsohana.com

- Implemented real-time syncing using Firestore and Socket.IO for whiteboard drawings with up to 15,000 simultaneous users.

**Thingq** | Internet-Free Virtual Personal Assistant | Node.js, Wolfram Alpha, Twilio

yasharora.com/thingq

- Received funding from the Royal Bank of Canada, Scotiabank, and former Dragons' Den Investor Michael Wekerle.
- Demoed to private investors at International Career Development Conferences (ICDC) in Orlando, FL and Atlanta, GA.

**Waterloo Aquadrone** | Autonomous Underwater Drone | Python, C++

github.com/waterloo-aquadrone

- Programmed data preprocessing scripts for over 43,000 images used in a TensorFlow image classification neural network.