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
Bachelor of Software Engineering, Honors

Sept 2019 – Apr 2023
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 2022

Shopify
Frontend Software Engineer 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 Engineer 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 Engineer Intern

Seattle, WA | May 2020 – 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 2019 – 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.

Thinq | Internet-Free Virtual Personal Assistant | Node.js, Wolfram Alpha, Twilio　　**yasharora.com/thinq**
· 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.