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](https://www.tesla.com/)

Incoming Frontend Software Engineer Intern – Energy Platforms **Palo Alto, CA | Jan 2022 – Apr 2021**

[Shopify](https://www.shopify.com/)

Frontend Software Engineering Intern **Toronto, ON | Sept 2021 – Dec 2021**

* Currently working on [**Hydrogen and Oxygen**](https://hydrogen.shopify.dev/), 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](https://www.carbonite.com/)

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](https://www.ecdev.org/)

Software Engineering Intern **Seattle, WA | May 2021 – Aug 2020**

* Developed a [**visualization tool**](https://txedc.ecdev.org/embed/tool-advantages-logistics?location=us-state-48&key=07ffa754-7c4d-4c77-a1dc-d00721bba138) 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](https://www.hatchcoding.com/)

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](https://itsohana.com/) | Free Online Code Collaborator ([Try it!](http://itsohana.com)) | Node.js, React, Express, Socket.IO, Firebase [**itsohana.com**](http://itsohana.com/)

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

[Thinq](https://devpost.com/software/thinq/) | Internet-Free Virtual Personal Assistant | Node.js, Wolfram Alpha, Twilio [**yasharora.com/thinq**](http://www.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](https://github.com/Waterloo-Aquadrone/aquadrone-core) | Autonomous Underwater Drone | Python, C++ [**github.com/waterloo-aquadrone**](http://www.github.com/waterloo-aquadrone)

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