

Yash Arora

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Skills

Languages: Python, C++, C, SQL, Java, Go, JavaScript, Ruby

Technologies: TensorFlow, PyTorch, Pandas, NumPy, Scikit-learn, Node.js

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

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 Software Engineer Intern

Palo Alto, CA | Jan 2022 – Apr 2021

Shopify

Software Engineering Intern

Toronto, ON | Sept 2021 – Dec 2021

- Currently working on **Hydrogen and Oxygen**, a framework and hosting platform optimized for headless ecommerce!
- Enhanced the Storefront API with Ruby on Rails and GraphQL to process payment and transaction queries in under 50 ms.
- Developed a dashboard using React and TypeScript to display deployment statuses for custom storefronts on Oxygen.

Carbonite

Software Engineering Intern

Boston, MA | Jan 2021 – Apr 2021

- Led the development of a feature using React, Node.js, and SQL to monitor the backup processes of ~300,000 active servers.
- **Optimized Jenkins CI/CD Pipeline** using parallelization with Groovy to reduce the Carbonite Server Portal build times by 78%.
- Deployed a REST API to automatically configure new computers for backups, decreasing user setup times by 23%.

Localintel

Software Engineering Intern

Seattle, WA | May 2020 – Aug 2020

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

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

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.

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

yasharora.com/thing

- 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.

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.