Yash Arora

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Education

University of Waterloo

Bachelor of Software Engineering

Sept 2019 – Apr 2023

- 4.00 GPA, 94% Term Average.
- 4x Dean's Honors List

Skills

Languages   JavaScript   TypeScript   Python   Go   SQL   Java   C++

Technologies   Node.js   React   Express   Angular   Flask   Django   jQuery

Tools   Git   MongoDB   Jenkins   AWS   GCP   Kubernetes   Docker

Work Experience

Tesla
Incoming Software Engineer Intern – Energy Platforms

Palo Alto, CA | Jan 2022 – Apr 2022

Shopify
Software Developer Intern

Toronto, ON | Sept 2021 – Dec 2021

- Currently working on beta features for our next release of Oxygen, a hosting platform optimized for headless ecommerce!
- Enhanced the Storefront API with Ruby on Rails and GraphQL to process payment and transaction queries in < 50 milliseconds.
- Developed a dashboard using React and TypeScript to display deployment statuses for custom storefronts hosted on Oxygen.

Carbonite
Software Engineer 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 servers and computers for backups, decreasing user setup times by 23%.

Localintel
Software Engineer 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 Hatch Learning platform.

Projects

Thinq – The world's first internet-free virtual personal assistant.

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.

Ohana – Easily collaborate on code with anyone, anywhere.

itsohana.com

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

UW Aquadrone – An unmanned, fully autonomous underwater drone.

github.com/waterloo-aquadrone

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