Tyler Trinh

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EDUCATION

Simon Fraser University (Expected Graduation Jan 2022)
BS in Computer Science GPA 3.64/4.33

EXPERIENCE

FABCYCLE Jan 2021 – Present
Full Stack Developer Vancouver, BC

- Creating a web application with Express and React to streamline fabric entry to Shopify
- Implementing a camera module to capture, send and bind images to products on Shopify
- Conducting code reviews to maintain high quality code and for iterative improvement

Genome Sciences Centre Jan 2019 – Aug 2019
Client Support Technician Vancouver, BC

- Created a web application with CodeIgniter to securely store and manage passwords
- Designed Python scripts to assist with user onboarding and offboarding process
- Communicated effectively with users to pinpoint issues and provide solutions

SKILLS

- **Coding:** Javascript/Typescript, Python, PHP, and C/C++
- **Web development:** Express, React, CodeIgniter, Bootstrap, Chakra UI, HTML, and CSS
- **Databases:** PostgreSQL, SQLite, and MongoDB
- **Deployment:** Google Cloud Platform, Heroku, Docker, Nginx, and Namecheap
- **Tools:** Git, Unix Shell, Selenium, Jest, Figma and LaTeX

PROJECTS

SparkList Apr 2020
Web-based Information Systems

- Designed an Express application to share wishlists with friends and track item prices
- Created a Kubernetes cluster on GCP to manage load balancing and rapid deployment
- Used the Recombee API to provide item recommendations based on other items added

Avise Jan 2020
nwHacks 2020

- Created a web application to track the consumption of toxic substances with a Discord Bot
- Designed and implemented front end user interface using React and Bootstrap
- Integrated Recharts for analytics and data visualization to encourage responsible substance use

ML: Song Recommendations Dec 2019
Computational Data Science

- Trained a model from the Million Song Dataset to make song recommendations
- Aggregated data from multiple files into a single file using SQLite, Pandas and Numpy
- Used PCA and KMeans clustering to provide recommendations given a playlist from the dataset