

SKILLS

Programming Languages: JavaScript / ES6, Python, C++, C, SQL, HTML / CSS, Bash

Frameworks / Tools: React, Node.js, Express.js, Redux, Django, PostgreSQL, MongoDB, Google Cloud Platform, AWS, Docker, Kubernetes, Unix, REST API

EXPERIENCE

Webveloper - Software Engineer, San Francisco, CA (Remote)

Dec 2018 – Present

JavaScript / ES6, React, Node.js, Express.js, Google Cloud Platform, Docker, Kubernetes

- Accelerated site deployment speeds by 70% through implementing fully customizable React components to autonomously generate site demos based on customer input
- Reduced cloud infrastructure costs by 90% through creating a Kubernetes cluster-wide SQL database proxy and RabbitMQ messaging queue
- Eliminated duplicate code across 12 Node.js microservices by migrating Express.js APIs to npm
- Improved SEO by 40% for over 150 customers by revamping the site hosting infrastructure in Google Cloud Platform

Sourcedfact.com - Software Engineer, Contract, Toronto, ON

Sep 2019 – Feb 2020

Python, Django, JavaScript, React, Vagrant, Jupyter

- Designed an algorithm to increase the detection speed of credible Reddit users by 200% using Python Reddit API and Google Colab's Jupyter notebooks
- Redesigned the user signup feature using REST API development and Sendgrid API, increasing the signup of credible fact checkers by 20%

OnCall Health - Full Stack Software Engineer, Intern, Toronto, ON

May 2019 – Aug 2019

Python, Django, SQL, PostgreSQL, REST API, JavaScript, React, AWS

- Increased small business signups by 30% through building a self-serve signup page with React and an API with Django REST framework
- Built an analytics dashboard displaying administrative data of 30000 patients through chart.js visualizations and PostgreSQL database queries
- Improved patient conversion by 25% for over 100 clinics through redesigning the appointment booking feature using React, Django and Stripe API

PROJECTS

WaterlooWorks Skill Search - API / Web Client

Dec 2019

Node.js, Express.js, MongoDB, Mongoose.js, React, Redux, AWS

- Built a Node API and React client that parses jobs from the University of Waterloo's co-op job portal and presents personalized job postings relevant to the user's unique skillset

stylist.ai - Machine Learning Model

Nov 2019

Tensorflow, Keras, Pandas, Python, Google Cloud AI Platform

- Created a deep learning model that reworks a given wardrobe and personalizes outfits based on the user's style preferences

Guidin' George - SMS Application

Jun 2019

Python, Django, Twilio API, PostgreSQL, Google Maps API

- Developed an SMS application that provides navigational directions without the need for an internet connection

EDUCATION

University of Waterloo - Bachelor of Computer Science

Class of 2023 (Expected)

Relevant Coursework: Object-Oriented Software Development, Data Structures and Algorithms, Software Design Patterns