

Sam Yu

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SKILLS

Languages

- Python
- JavaScript ES6
- C / C++
- Swift
- SQL

Frameworks & Technologies

- Django
- PostgreSQL
- React.js
- Docker
- RESTful API
- Bash
- AWS
- Node.js
- GCP

EDUCATION

University of Waterloo

*Bachelor of Computer Science
Class of 2023 (Expected)*

AWARDS

Principal's Award • 2018

Glenforest Secondary School
Awarded for exemplary community involvement and school leadership

Samsung Scholarship • 2018

Samsung
Awarded \$2000 as part of the 2018 Samsung Scholarship

MiWay Bus Design Winner • 2016

MiWay
Created winning design featured on a City of Mississauga Transit Bus for a year

EXPERIENCE

Webveloper • Customer Engineer

Palo Alto, CA (Remote)

React.js, JavaScript, Docker, GCP, HTML/CSS *Winter 2018 - Ongoing*

- Implemented site component blocks using React.js and Material UI and increased customizability of site-building template for customers
- Designed site mockups for customers using React.js, EJS and Node.js and deployed to production using Jenkins and Spinnaker

OnCall Health • Full-Stack Developer

Toronto, ON

Django, React.js, PostgreSQL, RESTful, AWS, Python *Summer 2019*

- Implemented analytics dashboard with RESTful API using Django Rest Framework and react-chart-js.
- Single-handedly built the user account creation flow using React.js, Material UI and Django
- Spearheaded creation of API documentation using Swagger

Sourcedfact.com • Software Engineer

Mississauga, ON

Django, React.js, RESTful, Python, ES6 *Summer 2019 - Ongoing*

- Developed parsing algorithm for Reddit comments using PRAW, Google Colab and Python to recruit fact checkers for a variety of topics
- Single-handedly implemented password reset flow using Django templates, Sendgrid API and React.js

PROJECTS

Guidin' George • SMS Application

Django, Python, Twilio API, PostgreSQL

- Implemented an SMS application that allows users to receive text based directions to a certain location without needing an internet connection

FaceMatch • iOS Application/Machine Learning

Swift, XCode, Vision, CoreML

- Designed facial recognition iOS application using Swift, Vision and CoreML frameworks that calculates beauty through comparing facial measurements to the golden ratio

DatWay • iOS Application

Swift, MapKit, XCode, UIKit, CoreLocation

- Designed an iOS application using Swift with MapKit, UIKit and CoreLocation api that produces a list of locations based on search query and device heading