

SAIF SAJID

FULL STACK DEVELOPER

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github.com/saif

SKILLS

Languages Python, Javascript, C#, SQL, Bash
Frameworks React, Node.js, Flask, Pyramid, .NET
Design Sketch, Photoshop, Prototyping

EDUCATION

BASc in Computer Engineering
University of British Columbia
Graduating May, 2019

EXPERIENCE

 **Yelp** – *Software Engineering Intern* Summer, 2018

- Created Payment UI that helped users manage their Credit Cards, and other payment features on Desktop and Mobile. React-based modular components allowed for drop-in reusability across teams at Yelp
- Streamlined payments processing workflows, reducing manual interventions by identifying anomalous transactions and enhanced error logging throughout the codebase

React, Python, MySQL, Pyramid

 **T4G** – *Software Engineering Intern* Spring, 2017

- Integrated a License Plate Recognition camera into Impark's parking lot management system. Led the design of a field testing prototype and conducted a successful demo for the CIO
- Built a remote software update service and realtime status dashboard for an IoT platform which controlled and managed parking lot gates and remote entry systems
- Conducted performance testing on IoT platform using Azure App Insights and Apache JMeter which uncovered database-related bottlenecks in the application stack


C++, Bash, C#, T-SQL, ASP.NET MVC

 **Peloton Technologies** – *Software Engineering Intern* Summer / Fall, 2016

- Designed and implemented an automated PDF generation and delivery framework, which delivered monthly reports to several hundred clients
- Created an MVC-based document creation tool used by several internal projects to generate receipts, invoices, and accounting PDFs
- Designed an EFT processing system to manage up to \$1,000,000 in transfers a day (Summer 2017)

C#, T-SQL, ASP.NET MVC, React

PROJECTS

 **Chris Gill Real Estate** – *React, C#, T-SQL, ASP.NET MVC* chrisgillrealestate.com

Real Estate Listings site with a dynamic React based front-end and a custom content management system

 **Quick Shop** – *NodeJS / Express, SQLite, Python / Facial Recognition* github.com/saif/quickshop

An Amazon Go like store with an automated shopping experience using facial and object recognition

 **Sentrino** – *Python / Flask, OpenCV, Raspberry Pi, Arduino* github.com/saif/sentrino

Smart home security camera that detects and tracks intruders. Sends SMS alerts and provides a live web-feed