SAIF SAJID
FULL STACK DEVELOPER

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github.com/sa1f

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 a Payment Management UI that helped users manage their Credit Cards, PayPal and other payment features on Desktop and Mobile. React-based modular components allowed for drop-in reusability
- 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/sa1f/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/sa1f/sentrino*

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