SASSAN SHOKOOHI

YEAR 4, BACHELOR OF COMPUTER SCIENCE STUDENT

CONTACT
VANCOUVER, BC

+1 (604) 710-5156
sassan_shokoohi@me.com
sassanshokoohi.ca
linkedin.com/in/sassanshokoohi
github.com/sassansh

TECHNICAL SKILLS

Java, Python, C/C++, HTML, Javascript, SQL

MySQL, PostgreSQL, MongoDB

React, Vue, Bootstrap, CSS, Node.js

Git, IntelliJ, PyCharm, VS Code

JUnit, GDB, Test/Doc. Driven Development

AWS, Google Cloud, Docker, Kubernetes, Helm, Terraform

PERSONAL SKILLS

Energetic & Friendly
Leader and Team player
Creative & Organized
Eager & Interested in Learning
Adaptive Personality

INTERESTS

Computer Networking
Computer Security
Tech News
Weightlifting

TECHNICAL PROJECTS

CAMPUS LIGHTBOX (VOLUNTEER @ UBC)   Dec '18 - Present
- Website with UBC's mental health resources created in ReactJS.
- Used HTML and CSS for styling, theme-ing and animating parts of the website.
- Integrated Semantic-UI framework to help create beautiful, responsive layouts.
- Hosted on Github with SSL and allows for searching, filtering of resources.

PLACES (ACADEMIC PROJECT)   May '21 - Aug '21
- Web application to help trusted friends find the best places to visit in their city
- Built the authentication system with salted & hashed passwords + JSON Web Tokens
- Built frontend React components including search functionality
- Built a secure RESTful API to interact with MongoDB using Node & Express
- Implemented upload your own image functionality using external Cloudinary API
- Implemented CI/CD using GitHub Actions to test React build & deploy to Heroku
- Stack: MongoDB, Express, React, Node

PARKING LOT SYSTEM (ACADEMIC PROJECT)   May '20 - June '20
- Using PHP, MySQL, and Bootstrap, crafted a user friendly interface connected to a robust backend database.
- Can manage multiple parking lots, customers, officers, parking passes and fines.
- Learned about Relational Databses, ER Models, and Normalization.

INSIGHTUBC (ACADEMIC PROJECT)   Jan '20 - April '20
- InsightUBC is a full-stack web application, providing a query system for UBC course and room information
- Parsed JSON, HTML and Zip files to load up courses and rooms.
- Made with: Backend – Node, TypeScript; Frontend – JavaScript, RESTful, HTML, CSS; Testing - Chai, Mocha, Karma
- Experience working in an Agile/Scrum development process

TO DO LIST MANAGER (ACADEMIC PROJECT)   Jan '19 - April '19
- Java application with backend and front end to manage a to do list
- Learned about data flow, abstraction and Object Oriented Programming
- Got familiar with sub-type polymorphism, JUnit testing, exceptions, UML and many industry-standard design patterns

WORK EXPERIENCE

HEALTHCARE SOFTWARE DEVELOPER   Sep '20 - Aug '21
Xerus Medical

- Implement ETL process using Python to analyze patient data from multiple hospitals
- Setup and integrate remote deployments using AWS, Kubernetes, Terraform & Helm
- Structured and managed multiple PostgreSQL databases for operations and health data
- Built health data visualization on a VueJS app & BI Tools: Superset & Metabase
- Implement a unified Kubernetes Cluster logging system with FluentBit

COMPUTER SCIENCE TEACHING ASSISTANT   Sep '19 - April '21
University of British Columbia

- Provide support to students in lectures, labs, grading, office hours, and discussion forums.

DATABASE & IT ASSISTANT   Feb '16 - Aug '17
UBC Psychiatry Department

- Diagnose & repair faults, resolve network issues, install & configure hardware & software.

EDUCATION

BACHELOR OF COMPUTER SCIENCE   2019 - Present
University of British Columbia   Expected Grad: April 2022

BSc, COMBINED MAJOR   2012 - 2017
(Chemistry, Earth & Environmental Sciences, Life Sciences)
University of British Columbia