(970)-691-4393
FarhanAxiq@outlook.com
linkedin.com/in/farhan-haziq/
github.com/FarhanAxiq
https://farhanaxiq.github.io/

Farhan Haziq

Previous Education:

Colorado State University, Fort Collins, CO | *Bachelor's in Computer Science (BSc.)* | August 2018 – May 2022

Relevant coursework:

- Software Engineering in C++.
- Data Structure In Python.
- Algorithm Optimizations.
- Database Management System with MySQL.
- Contemporary Cybersecurity.
- Human-Computer Interactions.

Past Experiences:

Colorado State University, Fort Collins, CO |
Student Developer | Aug 2021 – Dec 2021

- Coordinated & collaborated with 5 persons teams to developed a trip-planner single-page web application.
- Used ReactJS on the front-end side with Java as its back-end running on Spring Boot.
- Improves code test coverage from 60% to 80% by utilizing Junit & Jest unit testing suite.
- Practices Agile principles & using Scrum tools such as Jira to track any issues with the application.
- Versioning the code with Git via GitHub as well as setting up the CI/CD on the server via GitHub Actions.
- Optimized a big SQL Query which improves query speed from 1 minute query to 3 second queries.

Corbett Hall, Fort Collins, CO | *Student Supervisor* |
Jan 2019 – May 2022

- Lead, manage & supervised up to 20 employees to ensure optimal working level & well-being of employees.
- Optimize & allocate available employees, preventing any downtime & running lean.
- Trained new & novices hires on how to best serves people & teams of employees.
- Received "*Employee of the Month*" Award in July 2021 for having a good managerial skills.

Previous Project:

Lexemes for A fictional programming language:

- Developed a lexemes & compiler for a fictional programming languages using C++17.
- Utilizing the object-oriented programming concept and reduced as much as 35% in code duplication.
- Wrote code compiling automation using CMake which increases productivity in writing code by 50%.

Continuous Glucose Monitoring (CGM) using Raspberry Pi (RasPi):

- Created A continuous glucose monitoring hardware to track diabetic glucose level.
- Make use of Raspberry Pi in order to communicate with the Dexcom CGM.
- Utilized Pydexcom Python-based API in order to make the RasPi communicate with the Dexcom CGM.
- Decreases the need to use the Dexcom phone app by 25% in order to check for blood-glucose level thus reducing phone dependency.

Technologies used:

- JavaScript, TypeScript, C/C++, Java, Python, C, C++, JDBC, MySQL, MariaDB, Amazon, Artificial Intelligence, Google, Googling, React.JS, Node.js, Maven, Ant, HTML, CSS , Groovy, Git, GitHub, Facebook, SDE, HTML5, CSS, continuous delivery, CI/CD, Microsoft.