ERFAN SHAZID HUQ

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SKILLS

- Languages: C++, Java, Python, SQL, JavaScript
- Technology: React, Selenium, PyCharm, NetBeans, Visual Studio, GitHub (& Git), Slack, Google Hangouts, SolidWorks, AutoCAD, MS Office (Word & Excel)
- Demonstrated **leadership** through high school math club by mentoring students and collaborating with teacher supervisor
- Cooperated with group members to design, build, and code the drink mixer project demonstrating **teamwork**

PROJECTS

ErfanHuq.com – In Progress   2020

- Designed a responsive site using **React** in **VS Code** capable of sending emails using **SendGrid**
- Developed site using **Bootstrap,** and **React JS** components such as **Router**, and **Spring**
- Handled the deployment, composition, color and typography

Drink Mixer – Final Design Project   2019

- Designed an event driven embedded system to mix multiple drinks
- Implemented code to update drink levels in each container stored in a file
- Tested program using **unit testing** and **integration testing**
- Documented methods and designed system flow diagrams using **UML**

Snake Game – Personal Project   2019

- Created a single player snake game in **Java** using **Object Oriented Programming** principles
- Built user interface using **Java Swing** in **Netbeans** development environment

WORK EXPERIENCE

NoFrills – Stocker   2018-2019

- Efficiently stocked all shipments within a shift independently as well as in a team
- Ensured stock displays met corporate merchandising standards
- Managed conflicting demands by de-escalating tense customer situations
- Helped customers locate, price, and carry their groceries

RELEVANT COURSES

- Data Structures and Algorithms
- Engineering Design
- Linear Algebra
- Audited Coursera: Front-End Web Development with React

EDUCATION

University of Waterloo
2019-2024

- Candidate for a BASc in Mechatronics Engineering
- President's Scholarship of Distinction Award (admission average of 95%+)

INTERESTS

Cryptography ▪ Artificial Intelligence and Machine Learning ▪ Video Game Design ▪ Drones and UAVs