Zaid Omer

🌐 zaidomer.github.io 📞 647-996-9024 ✉ z2omer@uwaterloo.ca github.com/zaidomer

Skills

- Proficient in Java with experience developing object-oriented desktop and mobile software.

- Skilled with C++ from university courses; familiarity with Python.

- Exposure to HTML and CSS to design desktop website layouts.

Other Tools: GitHub | Linux (Ubuntu, Manjaro) | Visual Studio | IntelliJ | Microsoft Suite

Projects

WaterTools Android App (Java)   **Jan 2020**

- Developed an Android app to streamline access to all online school resources for Waterloo students, such as course material, grades, and schedules, in a user-friendly tabbed interface.

- The app's currently published on the Google Play Store and was developed using my Java knowledge, Android Studio, XML, and git version control to effectively split tasks and design it as a team.

Restaurant Management Software (Java)   **June 2019**

- Developed a program that can be used to save restaurant orders, menus, and reservations. Used GUI design with Swing for simple operation, GitHub collaboration, saving with serializable, and OOP principles for expandability.

- Acquired know-how of planning in a group using Gantt charts, and documentation knowledge with Java docs.

Hockey Statistics Application (Python)   **Nov 2018 - Dec 2018**

- Developed a program in python using web scraping, that retrieves statistics of NHL player's salaries, daily game schedules, live scores, and draft history, to speed up access of information for fans of the sport.

Tournament Manager (Java)   **May 2019**

- Designed a program to manage sports leagues, with scheduled games and statistics tracking.

- Used UML diagrams to effectively plan the software's classes structure, and multiple data structures such as linked lists, queues, and binary trees to organize user data.

Score Four Game (Java)   **Feb 2019 - Mar 2019**

- Developed a 3D version of connect four using java swing graphics and 3-dimensional arrays, gaining experience with debugging and simple algorithmic computer movement selection.

Experience

Regent Park Lunch Service (Volunteering)   **2018-2019**

- Volunteered at the food bank during various weekends allowing me to improve communication skills, and work efficiently in a team to prepare and distribute food.

Grade 10 Computer Science Tutor   **Sep 2017 - Jan 2018**

- Helped students in grade 10 computer science learn Python, using my interpersonal skills to help explain concepts.

Education

University of Waterloo - 1B Computer Engineering Candidate   **Sep 2019 - Apr 2024 (Expected)**

Richmond Hill High School   **Sep 2015 - June 2019**

- Graduated with a grade 12 business course award for accounting.