AHMED ALI

Surrey, BC

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WORK EXPERIENCE

Software Developer, 09/2020 - Present

MYM, Surrey, BC

- Active **development** and **maintenance** of an **Android/iOS** mobile app using **Flutter** that allows users to check weekly scheduled programs, check prayer times and donate to the organization.
- **Extracted JSON** data from an authoritative website for prayer times, which have a limited ability to be forecasted into the future.
- Provided in-app donations via **PayPal API** to **increase rate of donations by 15%**.
- Migrating organization-wide event scheduling to Google Calendar to support web users via **Google Calendar API**, while storing previous event photos in **AWS S3**.
- Structured an **Agile development** process to continually add new features and **gather user feedback** to improve the overall user experience.

Sales Representative, 01/2018 - 02/2020

Skynet Wireless (Fido Dealer), Surrey, BC

- Assisted over **50 customers per week** in determining cellular phone needs.
- Kept customers and other employees up to date on latest devices and technology.

PROJECTS

I Remember When, 2/2021 (Android Game Group Project)

- Implemented **lobby room-creation** using **Java** and **Firebase** to allow real-time player synchronization for **multiplayer** functionality.
- Implemented in-game **audio/video calling** with **WebRTC** using the **Jitsi SDK**.
- **Lead team members** to complete specific tasks during each sprint as **Scrum Master**.

LISP: Life is Short and Painful, 11/2020 (Hackathon)

- Collaborated with teammates to create a **mobile/web game** while learning to use new technology, such as **Git** and **Flutter**.
- Utilized a **distributed version-control system** using **GitHub** to work in a **team environment** efficiently.

Book Database, 04/2020 (Academic)

- Demonstrated **object-oriented programming** in **C++** and **modularity** by partitioning classes into various cpp and header files.
- Implemented **unit tests** and checked for **memory leaks** using **Valgrind**.

EDUCATION

SFU Simon Fraser University

Bachelor of Science, Software Systems, 05/2017 - Present

TECHNOLOGY

- Java
- C/C++
- Flutter
- Firebase
- Data Structures & Algorithms
- Object-Oriented Design
- Object-Oriented Programming
- Android Development
- Testing
- Scrum & Agile
- Linux
- Windows
- HTML
- CSS

SKILLS

- Leadership – Attained experience as **Scrum Master** and provided coordination, support, and sprint planning for the team.

- Resilience – Coached by experienced Microsoft mentors in the **Microsoft Tech Resilience** program that builds soft skills to help stay resilient in the world of tech.

- Communication – Ability to pinpoint, quantify and clearly articulate solutions or alternative ideas by listening to and understanding teammates' and/or customers' needs.