Mohammad Ibrahim Israr

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Career Objective

To utilize the knowledge and experience gained within my coursework and projects while acquiring my degree in Computer Science. I strive to learn the different areas of focus within the Technology domain and utilize the knowledge to enhance my abilities to grow within software engineering.

Education

California State University, Fullerton
Bachelor of Science in Computer Science   **Expected Graduation Date**: May 2024

Coursera, Google
Foundations of User Experience (UX Design)   **Completed**: September 2023

Experience

Applied Medical
Engineering Intern   Summer 2023
- Collaborated with a team on creating a contraption that can grab onto a Trocar securely.
- Programmed microcontroller using Arduino, analyzing voltage data extrapolated from user input.
- Participated in design making process of contraption using SolidWorks.
- Presented a successful contraption demonstration to group of Mechanical and Electrical Engineers.

ACM, Association for Computing Machinery, California State University, Fullerton   February 2022- Aug 2022
Secretary
- Oversee emails being sent from tech companies like NVIDIA, Microsoft, and Amazon
- Communicate with members regarding educational and career opportunities offered by these tech companies
- Participated in workshops related to algorithms, web-design, and the Agile methodology

Muslim Youth Project, CA
Social Media Marketing Director   December 2021 – Present
- Ensure relevant information and creative content is broadcasted to families across SoCal so that MYP can further it's positive impact in the SoCal community
- Graphic Design, Project Management, Canva, Cross-functional Team Leadership, Public Speaking, Market Research, Brand Development, and MailChimp

SoCal MIST, CA
Webmaster   October 2022 – May 2023
- Responsible for keeping SoCal MIST's website updated and relevant
- Optimizing the website to be viewed from multiple viewing platforms
- Created wireframe mockups to be approved by team before implementation of features
- Website bootstrapping using Create React App

Salaam Corner | OCIF, Mission Viejo, CA
Committee Chair   March 2021 – December 2022
- Leading a team of like-minded individuals with strategic planning for events
- Programming weekly meeting agendas
- Annual Budget Planning
- Public Speaking
- Community engagement with other organizations

Staples, Inc.
Technology Associate   December 2018 - August 2020
- Demonstrated extensive knowledge in technology including all hardware, software, and applications.
- Evaluated customer needs and provided a variety of service options and product options to meet their needs
- Effectively communicated with customers, peers, and leadership to help drive business

Skills

Programming:	Python, JavaScript, React, SQL, PostgreSQL, C++, HTML, CSS, Arduino
Development Tools/IDE:	Balsamiq Wireframes, Figma, Adobe XD, Arduino, Visual Studio Code, Virtual Box, Atom, Command Line, Github
Relevant Coursework:	Google UX Design, Data Structures, Algorithms, Front-End Engineering, Python & C++ Programming, Introduction to Cyber Security, Software Engineering, File Structures, & iOS Development
Leadership Skills:	Public Speaking, Event Planning, Project Management, Root-Cause Analysis

Projects

Weather Application	Worked with a team to create a weather application using Kotlin. Played a key role regarding the creation of UML diagrams and implementation. Several features implemented including push notifications, which can be sent to user's phone depending on weather in user's location.
SoCal MIST Website	Maintaining and updating a website that was built using React and is currently hosted using Firebase by Google.
Health Webpage	Created a webpage that features a collection of health and fitness photos using HTML5, JSON, and GitHub Pages