SAMAN **ZAREI**

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Skills

Languages and Programming Skills: C/C++ | Python | Assembly | Java | Bash/Linux | Data Structures | Shell Script
App Development Tools: Junit | Android Studio
Personal Skills: Mathematics | Fast Learner | Teamwork | Problem-Solver | Fluency in English and Farsi | Creativity
Software Engineering Techniques: Unit Testing | Integration Testing | UI Testing | GDB
Other Tools: Microsoft Office | Linux/Unix | Vs Code | Atom | Vim | Eclipse | Visual Studio | Net Beans | IntelliJ Idea | Git

Tutoring Experience

Mathematics & Java Tutor   **08/2018 to 08/2020**
San Diego Mesa College   **San Diego, CA**
- Instructed small groups of students in key subject concepts.
- Taught students how to study, how to do programming, take notes and complete test questions.
- Supported students by identifying and addressing specific concerns.

Education and Training

Bachelor of Science in Computer Science   **Expected graduation in 03/2023**
University Of California - San Diego   La Jolla, CA
Relevant Coursework: Java Programming & Data structure | Software Tools in Linux | Advance Data Structure in C++ | Computer Organizing & System Programming in C & Assembly | Software Engineering | Design and Analysis of Algorithm | Data Science in Practice

Computer Science   **Graduated in 06/2020**
San Diego Mesa College   San Diego, CA
- Studied and learned the required courses to transfer to UCSD and Graduated with 4.0 GPA

Notable Projects

Huffman Encoding: C++
   Description: Implementing tools to compress and uncompressing different types of files by Huffman Encoding
Graph: C++
   Description: Implementing a class to represent graph and using it to connect the information of files to each other
Spam Checker: C
   Description: Writing an interactive program meant to check if an email is in a list of spam addresses or not
Exposure Notification: Java
   Description: Sending notification to show how many people have covid in the area that we are living it
Minecraft: Java
   Description: Programming a simulation of Minecraft game with a little change in characters
Covid Transmission: Java
   Description: Calculating the probability of getting Covid based on the amount of time being contact with a person who has Covid