

JACOB KHALIQI

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OBJECTIVE

Seeking an internship in the field of computer science

EDUCATION

University of California San Diego Expected 2022

B.S in Computer Science

Provost Honors: Fall 2019, Winter 2020, Fall 2020, Spring 2021

Current GPA: 3.9

Relevant Coursework: Advanced Data Structures, Software Tools and Techniques Laboratory, Theory of Computation, Design and Analysis of Algorithms, Principles of Computer Operating Systems, and Software Engineering

San Diego Miramar College 2017 - 2019

GPA: 3.89

Relevant Coursework: Calculus with Analytic Geometry III, Introduction to Linear Algebra, Discrete Mathematics

SKILLS & ACTIVITIES

Technical Skills	Java, C++, C, HTML, CSS, JavaScript
Soft Skills	Communication, Leadership, Teamwork, Self-Motivated
Activities	Basketball, Volleyball, Weightlifting
Language Fluency	English and Farsi

PROJECTS

Graph Project

Implemented in C++

- Produced a tool to find the shortest unweighted path, weighted shortest path, connected components, and smallest connecting threshold, given a graph
- Used Disjoint set, Dijkstra's algorithm, and Breadth First Search algorithmic ideas

Pomodoro Timer

Implemented in HTML, CSS, and JavaScript

- Collaborated with a team of 9 members, using agile practices to create a Pomodoro timer that would improve users productivity
- Contributed by implementing a task list functionality, keyboard accessibility, and testing

EXPERIENCE

Online Coding Instructor

Jun 2021 - Present

ID Tech Camps

San Diego, CA

- Virtually tutor students, aged 7-18, in JavaScript, Java, and C++
- Designed lesson plans to engage students in learning how to code from hello world to personal projects
- Instructed students on how to incorporate coding skills to create their own game

Sports Assistant Manager/Coach

Mar 2018 - Mar 2020

Boys and Girls Club

San Diego, CA

- Organized game and practice schedules for up to 50 teams
- Coached teams of 15 students from kindergarten to 8th grade in both basketball and volleyball