Aden Ghadimi

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EDUCATION

University of California Riverside   **Riverside, CA**
Bachelor of Science in Computer Science   *Expected:June 2022*
- Cumulative GPA: 3.5.
- Dean's Honors List (x2)
- Coursework: Data Structures and Algorithm, Numerical Analysis, Embedded Systems, Software Construction, Discrete Structures, Information Retrieval, and Entrepreneurship in Computing, Applied Linear Algebra, Probability and Statistics for Engineers, Compiler Design, Automata and Formal Language.

SKILLS

Programming: C++, C, Python, Swift, HTML, CSS

Technologies/Frameworks: Realm, Git, Microsoft Office

Tools: Visual Studio, Xcode, Atmel Studio

PROJECTS

Zoom Scheduler   *December 2020*
- Developed a native iOS application that allows users to schedule their meetings, and open their Zoom meetings.
- Utilized an offline database using Realm to store Zoom meetings.
- Implemented a Strategy design pattern to validate user information.
- Implemented a Singleton design pattern to handle the logic of alert notifications.
- Developed in Swift, tested and validated in Xcode with XCTests.

Personal Website   *March 2021*
- Created a personal portfolio website, displaying projects, and personal information using HTML.
- Designed and developed the website layout and graphics using CSS.

WORK EXPERIENCE

University of California, Riverside   **Riverside, CA**
Computer Science Engineer Grader   *October 2020 - Present*
- Instructing classes that consist of over 70 students on how to develop, test, and debug code through Amazon Web Services Cloud9 IDE.
- Guiding students in developing in HTML, CSS, using internet tools, e-communities, e-commerce, power searching, and verification of information and privacy.
- Scheduling weekly meetings with colleagues to grade labs and assignments as well as managing inputs into Canvas's database.

Pasadena City College   **Pasadena, CA**
iOS workshop instructor   *September 2018 - June 2019*
- Educated a variety of 55 students, from beginner level to advanced, to develop over 7 iOS applications using Swift.
- Instructed students in an active learning class setting along with weekly take home lessons.
- Created 18 Slideshows, transcripts of video lectures, recorded video tutorials, and aided students in designing their applications.

LEADERSHIP EXPERIENCE

She.Codes - Pasadena City College   **Pasadena, CA**
Vice President   *September 2018 - June 2019*
- Planned, held, and organized coding workshops, speaker panels, and the She.Codes 2018 & 2019 annual conference that consisted of over 200 guests, with Engineers from JPL, NASA, and USC, along with other club officers
- Created a safe and inclusive environment that educated a variety of over 75 students who were first generation students and minorities within the STEM field while connecting them to Engineers that are in the industry.
- Organized city wide events with Engineers from Google, Northrop, Caltech, Microsoft, Spokeo, JPL, and Sabio.

YMCA - Therapeutic Swimming for Children with Special Needs   **Pasadena, CA**
Swim Instructor   *September 2016 - August 2018*
- Created and implemented successful lesson plans for over 25 children with high-functioning autism, speech impairments, and physical disabilities.
- Developed separate individual lesson plans to meet each student's individual needs and abilities.