Emilio Marquez Fernandez

e9marque@ucsd.edu • (760) 791-8530 • https://github.com/emiliomarquez

Education

University of California-Santa Cruz   Sept 2016-June 2018
- Was Enrolled in Computer Science(B.S.) Major

University of California-San Diego   Sept 2018-June 2021
- Enrolled in Computer Science(B.S.) Major

Experience

Crown College Historian, Crown College at UCSC**,** Santa Cruz, CA   Nov 2017-June 2018
- Photographed Crown College events, including College Nights, college-wide programs and hall-specific events
- Managed Crown College social media to showcase UCSC campus life & promote various events occurring around UCSC campus

Teaching-Assistant Intern (Comp. Sci. elective)**,** Branciforte Middle School, Santa Cruz, CA   Jan 2018-Mar 2018
- Collaborated individually and in groups with students to aid in implementation of certain features in their Scratch programming projects
- Taught basic Computer Science concepts such as variables, loops, and function composition to students (in the Scratch programming language)
- Gained solid foundation in classroom management skills by facilitating classroom procedures and keeping students orderly and academically productive

Volunteer Experience

Webmaster of Gamma Zeta Alpha Fraternity at UCSD, La Jolla, CA   April 2019-Present
- Update and maintain this fraternity's official website (http://gammazetaalpha.ucsd.edu/) and national website (https://gammas.org/chapter/uc-san-diego/)
- Work closely with the Director of Marketing of this fraternity to publicize events through Social Media or fraternity's official website

Projects

Photography Website | *HTML, CSS, Javascript*
- Showcases my photography portfolio in a minimalist manner
- Building my personal website allowed me to gain new knowledge in website efficiency, design, and back-end development

Gamma Zeta Alpha Fraternity Website | *HTML, CSS, Javascript*
- Redesigned fraternity's website from scratch
- Prioritized converting their website theme to more modern website design
  - Achieved this by promoting consistent layout, fonts and user-friendly design

Skills

- **Programming Languages:** C/C++, CSS, HTML, Java, Javascript, LaTex, Matlab, MIPS Assembly, Python, Swift
- **Software and Frameworks**: Eclipse, Git, Vim, Unix, Visual Studio, Xcode
- **Relevant Coursework** (UCSD CSE Course Catalog):
  - Advanced Data Structures, Theory of Computation, Design and Analysis of Algorithms, Software Engineering, Artificial Intelligence: Probabilistic Reasoning & Decision-Making, Computer Architecture, Digital Systems, Linear Algebra, Vector Calculus