

Carlos Estrada

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Education

California State University, Monterey Bay • Seaside, CA Aug 2016 - May 2020

- Computer Science, B.S. – Software Engineering **(3.9 Cumulative GPA)**
- **Coursework:** Internet Programming, Software Engineering, Algorithms, Data Structures

Experience

Co-Founder & Frontend Engineer, Code Crunch • Remote Jan 2020 - Present

- Co-founded and participated in day-to-day business operations
- Conceptualized a tool for professors to auto-grade student code and observe student analytics
- Developed our frontend application using Angular, TypeScript and TailwindCSS

Web Developer, Seaside Post News • Seaside, CA Sep 2019 – Present

- Collaborated with the publisher to determine his needs and define a sustainable budget
- Established the 75 year old Seaside newspaper's online presence while minimizing costs
- Designed, developed and launched their new WordPress website

Webmaster, The Lutrinae • Seaside, CA Aug 2017 – May 2020

- Collaborated in the creation of CSUMB's student-run newspaper
- Created, designed and maintained the newspaper's WordPress website and other web services
- Recruited students for various positions at school events

Lab Technician (Intern), Western Digital • Salt Lake City, UT Jun – Jul 2018

- Aided a lab technician in the maintenance and configuration of enterprise servers and hardware
- Familiarized myself with essential hardware components and their functions in a computer

Volunteering

CS Tutor, Eden Housing Feb – May 2019

- Established a CS literacy program for low-income children in Marina, CA
- Mentored a group of 8 kids using interactive, unplugged activities to teach them core CS concepts
- Utilized "Code Your World," a curriculum developed by 4-H Youth Programs and Google

Skills

Languages: JavaScript/TypeScript (3yrs), Python (2yrs), Java (2yrs), SQL (2yrs), Swift (<1yr)

Libraries & Tools: Angular (1yr), Amazon Web Services (<1yr), MySQL (2yrs), PostgreSQL (<1yr), CSS/SASS (3yrs), TailwindCSS (1yr), React (<1yr), Git, Bash, VS Code, IntelliJ, Xcode

Design Tools: Adobe Illustrator (3yrs), XD (1yr), Photoshop (1yr), InDesign (1yr)