Jose Garcia-Esparza

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EDUCATION

University of California, Merced Graduation: May **2021**
B.S Computer Science and Engineering Cumulative GPA: **3.418**

Coursework: Data Structures, Algorithm Design and Analysis, Object Oriented Programming

SKILLS

Languages: **C++**, **JavaScript**, HTML, CSS
Technologies/Libraries: jQuery, Bootstrap, Git

RELEVENT EXPERIENCE

Social Media Intern January 2018 - May 2018
Engineering Service Learning, Merced, CA

- Outreached and promoted our services via Facebook, Instagram, and Twitter
- Managed social media accounts communicating with hundreds of followers
- Handled content creation and management tasks along with execution of workshops

Computer Science Tutor February 2018 - Present
Peer Assisted Learning Support, UC Merced

- Facilitated 100+ hours of tutoring in the courses of Calculus and Data Structures
- Hosted with co-workers academic tutoring events with over 300 student attendees
- Monitored performance and tailored lesson plans according to the students' needs

PERSONAL PROJECTS

- Game of Life – Web app recreation of mathematician John Conway's 'cellular automation.' The program uses cells of a grid and three rules to simulate evolution. Black cells are alive and white dead. Created using HTML, CSS and JavaScript
- Calculator – Web app calculator that supports elementary arithmetic and trigonometric functions. Created using HTML, CSS and JavaScript
- Tic-tac-toe – Web app of famous turn-based game. Optional AI button will have the user face off against an AI. Created using HTML, CSS, JavaScript, and jQuery

AWARDS

Hackathon, **1st Place** Winner December 29, 2019
Celebrate Hmong, Fresno, CA

Our product was an interactive map of the Fresno fairground which gave detailed information about vendors, booths, and special events. Users can also toggle filters such as food, clothing, etc., which the map will then highlight booths associated with said filter. Our team was awarded $350 for this web-based project created using HTML, CSS, Bootstrap and JavaScript.