Itzel Gonzalez

Software Engineer
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EDUCATION

University Of California, Riverside - Computer Science — August 2018 - Present
- Expected Grad Date: June 2021
- Relevant Coursework: Software Construction, Data Structures, Discrete Math, Advanced Programming in C++

Ventura/Moorpark College - Computer Science — August 2014 - May 2018
- Cumulative GPA: 3.15/4.00
- Associates in Science in Engineering and Mathematics

PROJECTS

Embedded Systems, Project in C — April 2019
- Program finite state machines to Atmega microcontroller using Atmel Studio.

***Smart Tank v.1.0*, Winner of "Best Use of Hardware" Award Citrus Hackathon** — April 2019
- On board sensors and timers to take in environmental information, display on LCD screen.
- Perform tasks of drying and cooling to ensure proper environmental conditions such as humidity and temperature are met.

***CSync* App, Rose Hackathon** - Front End — January 2018
- Calendar app enables user to sync events with Google Calendar application.
- Info collected from phone camera, organized & translated to .txt file
- Worked as a team, using Android Studio, OpenCV, Google Vision. Website uses .xyz domain.

***Server/Receiver* Computer Architecture, Python Project** — February 2018
- Using computer IP addresses, program sends or receives small and large, functional playable audio files.

Ventura College Engineering Club — January 2017 - May 2017
- Team Collaboration to create Robotic arm programmed with Arduino.

***Mended Hearts Ventura* Website, Volunteer** — December 2014 - July 2015
- Organization helps people who've had heart surgery, made website for Ventura Chapter using WordPress.
- Set up domain, links, images, content etc.

WORK EXPERIENCE

Private Tutor - Self Employed — May 2017 - August 2018
- Private education to students in mathematics, physics and programming.

Casa De Soria, Ventura, CA - Hostess — July 2017 - August 2018
- Worked as part of a team to serve guests in a fast-paced environment, require to effectively adapt.
- Greet, acknowledge and escort guests to assigned table, communicate delays, enter to-go orders POS System.

Ventura College Tutoring Center, Ventura, CA - Math Tutor — August 2016 - July 2017
- Certified tutor, levels of math including: Algebra, Trigonometry, Calculus, Linear Algebra, and Differential Equations.
- Help students with learning disabilities, adapt to different learning styles.

AWARDS

Chicano Latino Alumni Award	November 2018
COFEM Mexican American Dream Scholarship	November 2018
Latina Leadership Network Award	May 2018
Tim Suel Memorial Scholarship Award	March 2018
Gene Haas Foundation Scholarship Award	March 2017

CLUBS/PROGRAMS

Ventura College Coding Club: Secretary
- Co-founded coding club, provide coding workshops and guest speakers, encourage women to code.

Society Of Hispanic Professional Engineers (SHPE): Webmaster

Journalism VHS *Cougar Press* Newspaper: Graphic Design Editor and Spanish Section Manager
- Edited using Adobe InDesign Software.
- Worked in high stress environment, published weekly content material.
- Arranged interviews, researched story's background to provide complete and accurate information.

TECHNICAL AND INTERPERSONAL SKILLS

- C++, Java, Python, C, JavaScript
- GitHub Version Control
- Embedded Systems
- Graphic Design
- Spanish (fluent), German (basic)
- Leadership
- Initiative
- Team Collaboration
- Written Communicat
- Attention to Detail
- Adaptability
- Curiosity