

Leslie de Jesus

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Education

University of California, Riverside

Expected graduation: Fall 2020

Bachelor of Science, Major in Electrical Engineering, Minor in Computer Science

Relevant Coursework

Circuit Analysis I & II, Logic Design, Introduction to Embedded Systems, Introduction to Computer Science I & II (C++), Electromagnetism, Linear Methods for Engineering Analysis and Design (Matlab), Signals and Systems, Electronic Circuits, Modeling and Simulating Dynamic Systems

Skills

- **Programming:** C/C++, Python, HTML, CSS
- **Software:** Atmel Studio, OSIssoft, Matlab, WinSCP, Lightroom
- **Language:** Bilingual (reading, writing, and speaking): Spanish and English
- Ability to learn new procedures quickly and efficiently
- Strong Communication and Customer Service Skills
- Organization and Strong Attention to Detail

Research Experience

Undergraduate Researcher

Center for Environmental Research and Technology *5/3/2018 to Present*

- Recreating a mobile renewable energy system using 16 lithium-ion batteries and an Orion BMS
- Developing a battery system created to store and monitor energy from solar panels on a greenhouse, using a Python script and a Raspberry Pi

Institute of Microelectronics, Tsinghua University, Beijing, China *6/21/2018 to 8/12/2018*

- Was one of six selected candidates to do a summer research program at Tsinghua University
- Constructed an RRAM Crossbar Array in the Tsinghua University clean room.

Work and Leadership Experience

Alumni Relations Director

Society of Hispanic Professional Engineers (SHPE), UCR *10/2/2017 to Present*

- Organizing and hosting networking events for SHPE Alumni and current members
- Creating and sending out a SHPE Alumni Newsletter that keeps Alumni informed of all events.

Athletic Operation and Ticketing Staff

Intercollegiate Athletics, University of California, Riverside *9/28/2016 to Present*

- Distributing tickets on Will Call
- Facilitating all UCR small and large scale Athletic Events.
- Escorting officials, teams, and other important guests to their designated areas.

Building Common Ground Facilitator

Highlander Orientation, University of California, Riverside *6/26/2017 to 9/7/2017*

- Created positive peer-to-peer interactions for incoming students.
- Facilitated understanding and insight into the complexities of diversity.
- Focused on the nature of building relationships and establishing community.

Customer Service Representative and Sales Associate

Leslie's Discount Outlet, Victorville, CA *1/10/2015 to 8/20/2016*

- Earned Top Seller status on eBay, doubling our annual sales for 2015.
- Ensured customer satisfaction through excellent sales service in person, and online.

Volunteer Experience

First Year Peer Mentor, Student Life, UCR

9/25/2017 to Present

Camera Operations Volunteer, High Desert Church

2/6/2016 to Present