

# Riley Turner

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## OBJECTIVE

Self motivated computer engineering student with great soft-skills and communication within team environments. Interested in obtaining a position to extend knowledge of communication systems and software/hardware applications.

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## EXPERIENCE

### Software Engineering Intern

October 2021 - Present

#### ECP Power Corporation

Poway, CA

*Power conversion system provider for grid scale energy storage, microgrids, and solar applications.*

- Program unit tests using Verilog and SystemVerilog and simulate outputs within ModelSim.
- Create unit test builds within the command line using VUnit framework for more efficient unit testing.
- Implement a system to automate unit testing HDL files using Github Actions CI/CD pipelines via a push.
- Use JIRA and Confluence to organize tasks within daily scrum meetings.

### Automation and Controls Engineering Intern

June 2021 - August 2021

#### Tasteful Selections

Arvin, CA

*Leading grower, packer, and distributor of bite-sized potatoes within the United States.*

- Develop SCADA software and use scripting language for seven case packing robots.
- Assist programming PLCs to modify and refine logic throughout the facility.
- Create an HTML website consisting of frequently used links, documents, and file paths for engineers.
- Participate in daily meetings with an engineering team to update and articulate daily and weekly work orders.

### Social Engagement Director

August 2020 - May 2021

#### Institute of Electrical and Electronics Engineers SDSU Branch

San Diego, CA

*Student organization specialized in issuing collaborative engineering events and technical engineering activities.*

- Plan and conduct bi-weekly social events among 50 club members.
- Create and distribute online flyers through website homepage and social media accounts.
- Engage in bi-weekly officer meetings, document accomplishments and brainstorm ways to improve involvement.

### Foster Youth Tutor

August 2019 - December 2019

#### SDSU Tutor Connection

San Diego, CA

*Community service program through servant leadership, provides quality tutoring to youths in foster care.*

- Explained many concepts in a succinct and easier way within a limited time frame.
  - Analyzed progress and issued quizzes to test newfound knowledge.
  - Effectively communicated with the youth's guardian to schedule tutoring sessions.
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## EDUCATION

### San Diego State University

August 2018 - Present

Computer Engineering; Minor in Leadership

**Expected Graduation Year: May 2022**

**Academic Honors: GPA 3.61**

College of Engineering Dean's List

**Relevant Courses Taken:** Circuit Analysis I & II, Embedded System Programming, Microprocessors, Signals & Systems, Feedback Control Systems, Computer & Data Networks, Analog & Pulse Communications

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## SKILLS

- MS Word, Excel, PowerPoint
- C, C++, C#
- MySQL, phpMyAdmin, PHP
- Python
- HTML, CSS, Bootstrap
- Verilog, SystemVerilog, ARM Assembly
- MATLAB
- RSLogix 5000, Ignition SCADA