

# **Chandler Rogers**

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## **EDUCATION**

**University of San Diego: Shiley Marcos School of Engineering**

San Diego, Ca

Dual Degree BS/BA Electrical Engineering

May 2018

Honors Program

GPA 3.62

## **Relevant Coursework**

Electricity and Magnetism

Applied Math for Engineers I/II

Electric Circuits

Intro to Modern Physics

Computer Programming

Thermal and Statics

## **PROFFESIONAL EXPERIENCE**

**Shiley Center for Science and Technology**

San Diego Ca.

*Lab Assistant*

Feb. 2016-present

- Design, build and repair things around the science building such as: a weather station, aquariums and a rain simulator

**Undergraduate Research**

San Diego, Ca.

*Research Assistant*

Sep. 2015-May 2016

- Taught a class of freshman about information literacy with four fellow researchers
- Analyzed and reported how well the information was taught, this analysis will help guide future information literacy lectures to be more effective
- Acted as the manager for the research group and completed the majority of the data analysis

**Engineers Without Borders**

San Diego, Ca.

*Volunteer*

Sep. 2015-present

- Traveled to the Dominican Republic to construct water chlorinators, safe stoves, a food press and grinder, and a hot water system in the underdeveloped community of El Cercado
- Traveled to Tijuana Mexico to construct houses for families in need

**Panoramic Construction**

San Diego, Ca.

*Construction Worker*

Summer 2015 & 2016

- Worked on private and corporate construction projects
- Gained experience with bobcats, jackhammers, and other typical jobsite tools
- Collaborated with the owner on how to best design, demolish and repair sites like pools, decks and landscapes

**Boy Scouts of America**

San Diego, Ca.

*Eagle Scout*

2005-2013

- Managed a project to build a roofed marque, managing 60 people for over 700 man hours and personally raising over \$1,500 in donations by means of contacting local businesses
- More than 500 hours of community service over a wide range of projects including: environmental clean-up, constructing a roof for a battered women's shelter and building a garden for a local elementary school

## **LEADERSHIP AND EXPERIENCE**

Theta Tau Engineering Fraternity Professional Chair

2015-Present

College Football, defensive end and long snapping

2014 season