

# Jonathan Siguenza

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## Education & Related Coursework

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### University of California, Riverside – Mechanical Engineering

*Grade: Junior-level Standing*

September 2014 - Present

GPA: 2.906

Date of Graduation: June 2017

### Pacific Union College

September 2012 - Present

GPA: 3.0

### Relevant Coursework:

Thermodynamics, Computer Programming, Engineering Modeling and Analysis, Fluid Mechanics, Heat Transfer, Introduction to Material Science, Mechanics of Materials, Machine Design, Transport Phenomena, Combustions and Energy Systems

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## Experience

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### Undergraduate Research – University of California, Riverside

October 2014 - Present

Research with Dr. Suveen Mathaudhu primarily working on metallurgical projects.

- Prepared and presented oral presentations and project status
  - Built a mixing device to mix metal powders homogeneously
  - Contacted companies for materials needed
  - Designed small projects using Solidworks to transfer to a vertical micromill
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## Skillset

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### Language

- Fluent in English
- Fluent in Spanish

### Technical

- Trained on using a manual Lathe
- Trained on using a manual Vertical Mill

### Software

- Matlab (Level: Basic)
  - Solidworks (Level: Basic)
  - Python
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## Outreach & Extracurricular

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### STEMapalooza outreach event – San Bernardino Valley College

October 23, 2015

- Outreach Event for elementary and middle school kids
- Presented about the advancements and perks of metallurgy
- Promoted engineering and science overall

### Pacific Union College Men's Soccer Team

July 2013 – November 2013