

# Ryan Reedy

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## OBJECTIVE

To challenge and develop my engineering capabilities through laboratory and professional experience.

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## EDUCATION

**University of Central Florida** Fall 2014 - Present

- Major: Mechanical Engineering
- Minor: Computer Science
- Expected graduation: Spring 2018
- 4.00/4.00 GPA
- Burnett Honors College member

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## RESEARCH EXPERIENCE

**Mechanics of Materials Research Group, UCF** Spring 2015 - Present

Research Assistant

- Performed literature reviews, extracting and compiling thousands of data points
- Developed multi-scale constitutive model for gold subjected to thermomechanical fatigue conditions

**STEM Research Academy** Spring 2015

Student in course funded by NSF

- Engaged in coursework designed to promote scientific literacy, communication, collaboration, and ethics for undergraduate researchers

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## TECHNICAL SKILLS

- Experience with ANSYS, Excel, Eureka
- Certified SolidWorks Associate
- Intermediate coding proficiency in Python, C, HTML, CSS
- Typing speed of 90+ WPM

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## HONORS

- National Merit Scholar
- Ralph A. Richardson Scholarship recipient
- Florida Engineering Society Calusa Chapter scholarship recipient
- Bright Futures Florida Academic Scholar
- President's Honor Roll