

# Garrett Robinson

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## Objective

**Seeking an Electrical Engineering Internship for Summer 2017**

## Education

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### **Bachelors of Science/Masters of Science in Electrical Engineering**

University of Oklahoma, Norman, OK

**GPA: 4.0**, Bachelors Expected: May 2017

Masters Expected: December 2018

## Work Experience

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Undergraduate Research in Applied Electromagnetic Theory (2016-present)

- Advisor: Dr. Jessica Ruyle
- Characteristic modal analysis of slot antennas looking for a closed form approximation of input impedance and far field radiation for finite conducting bodies

Lyondell Basell – Victoria, TX

Electrical Engineering Intern

Summer 2016

- Created documentation standards to represent new I/O cards
- Led a group of technicians and technical staff in safety device functionality checks
- Performed calculations to ensure operational safety of proposed projects
- Headed a collaborative hazard review to determine process safety requirements
- Updated documentation to reflect changes in the field

## Activities

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- University Libraries Student Advisory Council (2016-present)
- Eta Kappa Nu honor society (2015-present)
  - Corresponding Secretary (2016-present)
  - Volunteer leading review sessions for ECE courses
- Holmes Leadership Associates (2015-present)
- Volunteer First Responder and EMT for the New Jersey Department of Health (2013-2014)

## Honors

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**Outstanding Junior in Electrical Engineering**

**National Merit Scholar**

**Eagle Scout**

President's Honor Roll: Fall 2014 – Spring 2016

## Skills

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- Accustomed to managing crises and working under pressure as a volunteer EMT
- Proficient in the Microsoft Office Suite, Microsoft Visio, MATLAB, C, and FEKO