

Andrew Schaeffer

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Education:

Bachelor of Science in Electrical Engineering, May 2018
University of Oklahoma - Norman, OK
GPA: 3.88

Master of Science in Electrical and Computer Engineering, December 2019
University of Oklahoma – Norman, OK

Research and Work Experience:

ARRC Research Assistant – Dr. Jessica Ruyle Summer 2018 - Present

- Worked on coplanar waveguide to slotline transitions for high power tunable antennas to be used to combat jamming and seek out available frequencies
- Helped write a paper for the Allerton Conference covering this project
- Learned HFSS, MATLAB, and LaTeX
- Continuing to do research for Master's thesis work

Teaching Assistant – Electromagnetic Fields Fall 2018

- Acting as the full-time teaching assistant, grading homework and tests, and holding office hours

Robotics Research - Dr. Chad Davis Fall 2017

- Built multiple configurable robots for educational and testing purposes
- Created assembly and operation manuals for each robot model

Involvement and Leadership:

Crimson Club – *Historian* Fall 2015 - Present

- Selected as one of fifty members from several hundred applicants to act as a representative for the University and President's Office at events and tours for distinguished guests both on and off campus
- Elected as Historian, handling uniform checkout and finances as well as record-keeping

Crimson Chords - *Secretary* Spring 2017 - Present

- Selected as one of 20 members from over 40 auditionees
- Managed attendance and social media as the elected Secretary

Eta Kappa Nu Engineering Honors Society Member Spring 2017 - Present

- Helped with Electromagnetic Fields review sessions

Honors and Awards:

President's Honor Roll Fall 2014 – Fall 2015, Spring 2018
Dean's Honor Roll Fall 2014 – Spring 2018
OU Honors College Fall 2014 – Spring 2018
National Merit Scholarship Recipient