

EDUCATION

University of Oklahoma, Norman, OK

- **Master of Science, Electrical Engineering**, December 2016
- **Bachelor of Science, Electrical Engineering**, May 2015
Minor: Computer Science

COURSEWORK

- Electronics/Microprocessor System Design/Signals and Systems/Digital Design/Electromagnetic Fields and Wave Propagation/Digital Signal Processing/Data Structures/Antennas/Solid State Electronics

COMPUTER SKILLS

- Experience with UNIX, Eclipse, MultiSim, EAGLE, HFSS and Pro/ENGINEER
- Programming in C, C++, Python, Java, Lisp, LabVIEW, and MATLAB

INTERSHIPS

Engineering Leadership Program Intern, National Instruments, Austin, TX, May 2015-August 2015

- Support customers on the phone.
- Work in the Marketing department to develop and improve Universal Software Radio Peripheral (USRP) demonstrations.

Center for Advanced Aviation System Development Intern, MITRE, Oklahoma City, OK, May 2014-August 2014

- Simulating flight procedures using MATLAB.
- Programming in Java to create an obstacle analysis tool.

Systems Test Intern, Raytheon Missile Systems, Tucson, AZ, May 2013-August 2013

- Worked with FANUC robots, design using Pro/ENGINEER, and creating Wiki pages.

ACTIVITIES AND LEADERSHIP EXPERIENCE

Research Assistant at the University of Oklahoma January 2015 – Present

- Antennas Research under Dr. Jessica Ruyle

LabVIEW Student Ambassador August 2015 - Present

- Teach a free LabVIEW course to students at OU.

Tau Beta Pi Engineering Honor Society Member November 2014- Present

Chair of the IEEE Student Organization at OU March 2014 – April 2015

- The Institute of Electrical and Electronics Engineers is a technical society that holds tech talks, conferences, and competitions.

Vice President for Women in Electrical and Computer Engineering (WECE) August 2012 – May 2015

- Appointed as Publicity Officer for 2012-2013, Public Relations Officer for 2013-2014, and Vice President for 2014-2015. Attend biweekly meetings and events aimed at supporting undergraduate and graduate level women in ECE at OU.

Software Lead for IEEE Competitive Robotics at OU March 2014- April 2015

- Planned software meetings, helped with programming and testing the robot.

Robotics Club August 2011- January 2012

- Worked in a team to construct robots with NXT Robotics kits every week.

AWARDS

- **Director's Leadership Award 2015**, School of Electrical and Computer Engineering at the University of Oklahoma
- **William H. Barkow Scholarship 2015**, University of Oklahoma College of Engineering
- **ECE Distinguished Mentor Award 2014**, School of Electrical and Computer Engineering at the University of Oklahoma
- **Outstanding Junior in Electrical Engineering 2013**, University of Oklahoma
- **P.H. Robinson Fellowship Award 2013**, School of Electrical and Computer Engineering at the University of Oklahoma