

Ashley Miku Palmer

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1820 Cedar Creek Court
Norman, OK 73071
USA

Education ***Bachelor of Science, Electrical Engineering***
University of Oklahoma, Norman, OK
Overall GPA: 3.8
Graduated: May 2018

Master of Science, Electrical Engineering
University of Oklahoma, Norman, OK
Overall GPA: 4.0
Expected Graduation: December 2019

Experience ***Undergraduate Research Assistant*** ***May 2015 – August 2016***
University of Oklahoma, Norman, OK
"Design and Fabrication of Slot-Patch Antennas and Baluns"
Studied design methods for advanced antennas, fabrication using lithography and machining, tested soil moisture properties using a network analyzer

Undergraduate Research Assistant ***August 2016 – January 2018***
Advanced Radar Research Center, University of Oklahoma, Norman, OK
"Development of Geo-Fence Radar to Enable Atmospheric Measurements via sUAS"
Gained knowledge of radar design fundamentals and assisted in the construction and test of a ground-based radar for aircraft detection. Developed algorithms and processing code to convert raw I/Q radar data in detections of small aircraft.

Research and Development Engineering Intern ***May 2018 – August 2018***
Cobham Advanced Electronic Solutions, San Diego, CA
"Created Automated Script for Measuring RF Component Characteristics"
Developed code in MATLAB to mimic the functions of common RF component test equipment. Gained a better understanding of communication chains, and the defense contractor industry.

Skills

- Proficient in C, C++, and MATLAB
- Trained and certified for machine shop usage
- Trained in use of microwave test equipment (e.g., network analyzer, spectrum analyzer)
- Strong organizational, teamwork, problem-solving, and analytical skills

Honors and Awards

- President's Honor Roll
- University of Oklahoma Distinguished Scholar
- William H. Barkow Scholarship Recipient
- Jack L. & Medora Blanton Enrich Scholarship Recipient
- Tau Beta Pi Engineering Honor Fraternity
- Eta Kappa Nu Honor Fraternity

Activities and Leadership ***Eta Kappa Nu Outreach*** ***2015-Present***
Honor group of the top 8% of the electrical engineering class. Participates in community service activities throughout Cleveland Country and provides tutoring to underclassmen in the degree.