

Grant Karber

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Andover, KS 67002

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EDUCATION

Bachelor of Science in Electrical Engineering

University of Oklahoma, Norman OK
Minor in Mathematics

Fall 2016 - Spring 2020

Graduation May 2020

GPA: 4.0/4.0

Study Abroad - Arezzo, Italy

OU at Arezzo Engineering Program

June 2017 – July 2017

RELEVANT EXPERIENCE

Advanced Radar Research Center (ARRC) Norman, OK

January 2017 - Present

- Undergraduate Researcher
 - Worked on a team to develop a frequency and impedance reconfigurable antenna using magnetically-actuated low-loss ferrofluid loads
 - Designed a mechanism to mechanically manipulate magnets for the antenna's reconfiguration

National Institute of Aviation Research (NIAR) Wichita, KS

May 2016 - July 2016

- Lab Technician
 - Created and modified Computer Aided Three-dimensional Interactive Application (CATIA) models
 - Improved emergency stop system for pneumatic robots on shop floor
- Teacher's Assistant
 - Answered student's questions about CATIA Drafting
 - Prepared the room before class and cleaned up afterward

Central Plains Maintenance (CPM) Wichita, KS

May 2017 - June 2017

- Intern
 - Conducted industrial time studies on multiple sites and tasks
 - Developed a best fit model to predict cleaning times

Y.M.C.A Andover, KS

June 2014 – July 2016

- Lifeguard
 - Enforced and communicated YMCA rules to patrons
 - Trained on emergency procedures and gained necessary certifications

SKILLS

CATIA, Java, C++, Visual Basic, Matlab

EXTRACURRICULARS

Pride of Oklahoma

Marching Band Member

August 2016 - Present

Baptist Collegiate Ministry (BCM)

International Ministry Leader

August 2017 - Present