

# HALEY KNABLE

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## EDUCATION

- o Mississippi State University
- o *Bachelor of Science in Electrical Engineering*, expected May 2019
- o Cumulative GPA: 3.56/4.0

## PROFESSIONAL EXPERIENCE

RAYTHEON- Forest, MS

May 2018-August 2018

*Space and Airborne Systems- Consolidated Manufacturing Center- specializes in Airborne and Battlefield Radars for military customers*

Hardware Engineering Center (HWEC) Test Engineering Intern

- o Supported Next Generation Jammer (NGJ), a one billion dollar electronic warfare program
- o Assisted Engineers in test and troubleshoot of the first antennas for the program, came up with innovative solutions for emerging issues found as testing went on
- o Wrote and released test procedures for circuit card assemblies (CCAs) which required collecting and compiling technical information from technicians, program managers, and other engineers

RAYTHEON- Forest, MS

May 2017-August 2017

Hardware Engineering Center (HWEC) Test Engineering Intern

- o Achieved Raytheon Six Sigma Specialist certification
- o Worked closely with another intern designing and creating two six sigma projects which totaled in company savings of \$194,000
- o Project automated the F-15 radar test process by programming and RF switch matrix using MATLAB/SCPI commands, and created a GUI that technicians could easily and efficiently operate
- o Designed remote control display LED system using programmed Arduino

## SKILLS

- o Secret level security clearance
- o Programming experience in C, C++, Python, Pspice/OrCAD and MATLAB
- o Proficient in Microsoft Word, Excel, and PowerPoint
- o Experienced in troubleshooting, root cause analysis, data analysis, and 6-Sigma Optimization
- o Skilled in using lab equipment such as oscilloscopes, precision network analyzers, digital multi-meters

## INTERESTS AND RELEVANT COURSES

Signals and Systems

Electromagnetics

Solid State Electronics

Microwave Remote Sensing

Microprocessors

Advanced Circuits

## ACTIVITIES AND CLUBS

- o Society of Women Engineers
  - President 2018-2019
  - Membership Chair 2017-2018
  - Electrical Engineering departmental officer 2016-2017
- o Latino Student Association
  - Secretary 2017-2018
- o Zeta Tau Alpha Women's Fraternity
- o Tutor and Mentor for the Engineering Living and Learning Community (ELLC)