

BRADLEY S. FAIRCLOTH

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EDUCATION

University of South Carolina, Columbia, SC
Bachelor of Science, Mechanical Engineering, May 2019

EXPERIENCE

Boeing

Ladson, SC

May 2018 – August 2018

NDE&M and Structural Repair Technologies Intern

- ☐ Created and Implemented a measurement process to effectively scan composite parts multiple times with accuracy.
- ☐ Designed a 3D printed fixture to vary the height of a plasma pen for collecting accurate research data.
- ☐ Demonstrated the capabilities of measurement technologies such as white light scanning to over 5 team members.

Boeing

Ladson, SC

May 2017 – August 2017

737Max Inlet Production Engineering Intern

- ☐ Solved emergent production issues related to tooling which prevented stopping production.
- ☐ Designed and implemented a part for production which mitigated safety concerns for over 200 possible incidents.
- ☐ Researched process improvements to save cost and flow time in production by 5%.

Boeing

North Charleston, SC

May 2015 – August 2015

Product Systems IT Intern

- ☐ Repaired and Maintained a C# web application used by over 800 users.
- ☐ Developed a C#.Net and JavaScript interface to be used as the front end of a website for installing software onto Boeing Aircraft.

ACTIVITIES / COMMUNITY SERVICE

FIRST/VEX Volunteer (January 2016 – present) – I have judged, refereed and encouraged young students as they discover the fields on STEM and business in a fun and exciting environment. Post-graduation I am mentoring a high school robotics team with programming

Theta Tau Co-Ed Fraternity Active Brother (December 2015- May 2019) – While in the chapter I took on the role of Technology chair to support our website and email while also assisting in the professional development committee's efforts.

TECHNICAL SKILLS / RELATED CLASSES

Frameworks/Devops:

- Asp.net core
- React
- Jenkins
- Kubernetes

Programming:

- Java (Intermediate)
- HTML/CSS (Intermediate)
- C/C++(basic)
- C#.Net & JavaScript (Intermediate)
- MATLAB (Intermediate)
- Python (Intermediate)

Modeling:

- CATIA/ENOVIA V5 (Intermediate)
- Autodesk (Basic)
- Inventor (Intermediate)