

Lauren A. Potts

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Objective

- To gain hands-on experience and knowledge to aid the development of my career as an electrical engineer

Education

GEORGIA SOUTHERN UNIVERSITY Statesboro, GA

- Bachelor of Science in Electrical Engineering, May, 2020
- GPA: 4.0

Awards

- President's list (4.0 GPA)
- Zell Miller Scholarship
- GSU Outstanding Scholar
- 2019 GSU Academic Recognition Day Representative
- MOWR Award (Attended GSU full time as a high school junior-senior, achieving college level junior status upon high school graduation)
- National Engineering Honor Society Award (Top 10% of Juniors and 12.5% of Seniors in all engineering disciplines)
- The Honor Society of Phi Kappa Phi Award (Top 7.5 % of Juniors and 10% of seniors and graduate students in all academic disciplines)

Skills & Abilities

- Detailed knowledge of electrical wiring diagrams and circuit design
- Experience with PCB design preparation and manufacturing
- Proficient in programming languages: C++, Python, Matlab, VHDL, SQL, HTML, and CSS
- Strong knowledge of CAD Programs: CatiaV5, SolidWorks, Eagle, Altium, Multisim, Quartus, and TinkerCAD
- Fundamental understanding of advanced avionic systems and their functionality
- Excellent communication skills

Experience

ELECTRIC CIRCUIT DESIGN AND TESTING RESEARCH ASSISTANT | GEORGIA SOUTHERN UNIVERSITY | FEB 2019 – PRESENT

- Working to provide 3D printing solutions for electronic circuits and antennas
- Developed outsourcing plan and aided in design preparation for prototype PCB Frequency Selective Surface (FSS)
- Analyzed reflection curves of FSS using network analyzer

OPERATIONS ENGINEERING CO-OP (New Product Dev.) | GULFSTREAM AEROSPACE CORPORATION | AUG 2018 – DEC 2018

- Worked to troubleshoot eMED Assy Fixture and made necessary design changes to electrical components and wiring to ensure desired operation
- Created missing schematics for existing tooling fixtures and developed standardized schematic requirements for future tooling products
- Designed schematic and system requirements for Engine Simulator Proof Load Fixture
- Developed GUI and Database for reporting weekly Overtime