Current Address:
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ANDERSON SHEETS

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(727) 512-2047

CAREER OBJECTIVE

Industrious young Mechanical Engineer specializing in Design for Manufacture and fast paced development; seeking a design and development position with special interest in emerging technologies and positive social impact while growing my engineering expertise.

EDUCATION

University of Florida **Graduated**: April 2017

- Bachelor of Science in Mechanical Engineering, Minor in Electrical Engineering

SKILLS

- Proficient with SolidWorks (with simulation and flow), AutoCAD, Pro/E, Labview, MatLab, Altium, Abaqus, and most Microsoft Office programs
- Skilled with use of milling machine, lathe, SMAW, GMAW, and GTAW welding, plasma cutter, sheet metal tools, and electronics assembly tools
- Knowledgeable in Design for Manufacturability and Assembly, GD&T, Thermal and Stress Analysis, Rotating Machines, Electrical Power Systems, Engineering Ethics

EXPERIENCE

August 2018 - Present

Technology Service Corporation (TSC): Mechanical Engineer 1 Huntsville, AL

- Worked with a team to provide mechanical engineering for cutting edge radar products
- Performed all parts of the development process, including concept generation, design, drafting, fabrication, and analysis on both solo and collaborative projects
- Developed expertise in designing analog and microwave electronics packaging

May 2017 - Present

Odin Engineering Company: Mechanical Engineering Consultant

- Technology Service Corporation: Performed field installation and fabrication of experimental aerospace hardware using limited tools and resources
- Pelagic Group: Completed full first iteration design of breakaway bracket for marine application
- eTectRx Inc.: Designed and fabricated RF characterization test fixtures for high volume production testing of medical devices.

May 2014 - May 2017

UF Design and Manufacturing Lab: Teaching Assistant Gainesville, FL

- Led a team of TAs to teach students Design for Manufacturability and the creation of professional design reports including the use of the milling machine, lathe, and other shop tools
- Demonstrated a mastery of machine shop tools and knowledge of the course material, including fasteners, materials, manufacturability, basic robotics, and professional presentation

May - August 2015

Jabil Circuit Inc.: Engineering Intern St. Petersburg, FL

- Worked with engineering staff to generate identify cost savings for a containerized utility-scale flow battery system for a proprietary customer

September 2012 - April 2017

University Involvement University of Florida, Gainesville, FL

- Tau Beta Pi: Elected from top fifth of Engineering class after completion of community service and outreach and served as Social Coordinator and Banquet Coordinator for the 2016-2017 year
- Freshman Leadership Engineering Group: Coordinated engineering student organizations at the Fall and Spring freshman retention improvement programs in the College of Engineering
- Engineering Tutoring Corps: Served as External Vice President and Benton Engineering Council representative and tutored peers in Physics and Calculus

SAMPLE PROJECTS

- Mechanical system architecture and electronics mounting assembly for AESA style antenna
- Heat frames and microwave cavity lids for VPX card based systems
- Details and additional projects can be found at www.andersonsheets.com/

PERSONAL INTEREST

- Formerly competitive rock climbing athlete and hobby mountain biker and motorcyclist
- Concert, jazz, and marching trombonist and euphonist since 2005, and self-taught guitarist
- Amateur (Ham) Radio Technician Class license holder, call sign KI4SXA