**Alex Bigej**

anb832@msstate.edu 240-300-9318

**EDUCATION:**

**Bachelor of Science in Electrical Engineering**

Mississippi State University, Starkville, MS. May 2021. Overall GPA: 3.79/4.00

**EXPERIENCE:**

**Engineering Intern**

NSWC, Indian Head, MD, July 2018 – Present

* Troubleshoot and test printed circuit boards.
* Schematic design and board layout with Altium Designer.
* Documentation for a military project prior to fielding.
* Wire and troubleshoot test boxes.
* Report on interfacing between two legacy projects.

**Information Technologist**

Bagley College of Engineering, Mississippi State, MS, October 2019 – Present

* Software and hardware support as well as hardware setup.
* Network, printer, hardware, and software troubleshooting.
* Annual inventory audit.

**ECE Mentor**

Bagley College of Engineering, Mississippi State, MS, August 2020 – Present

* Teach students how to perform surface mount and through hole soldering.
* Assist students in using Arduino boards.

**Information Assistant**

Housing and Residence Life, Mississippi State, MS, September 2018 – December 2019

* Customer Service, logging packages and equipment.
* Diffused situations where parents or residents were distressed.

**SKILLS:**

* Knowledgeable in troubleshooting and debugging.
* Familiar with PCB layout.
* Working knowledge of C++, C, Verilog, and Python.
* Skilled in board population and testing.

**INVOLVEMENT:**

* Vice President of Hurst Council of Residential Experiences – August 2017 – May 2018
* National Residence Hall Honorary – Spring 2018 – Present