SHANE BOLDING

@ Shane.B.Engineer@gmail.com   ✉ 484, Stillwell Blvd., 32539   📍 Crestview, Fl   🌐 https://shanebolding.github.io/Showcase/

EDUCATION

B.S. in Computer Engineering
University of West Florida: GPA - 3.22

📅 Aug. 2015 – May 2020

B.S. in Electrical Engineering
University of West Florida: GPA - 3.43

📅 Aug. 2015 – May 2020

PROJECTS

Sudoku GUI w/ Backtracking Solution
Python

📅 July 10, 2020   📍 My Home

- I used python with its library pygame to create an interactive GUI that allows you to play a sudoku game and solve it once you get stuck and press the space bar.
- Utilizes a recursive backtracking algorithm to solve a sudoku board.

Lego Collecting Robot
C#

📅 Oct. 2019 - Mar. 2020   📍 UWF

- My senior project was to enter the Southeast IEEE PI Day Competition .
- The goal was to build a robot that picked up the most legos in a specific order in under 3 minutes.
- My team and I accomplished 13 blocks stacked in 3 minutes.
- Unfortunately the contest was cancelled due to Covid.

Home Security Camera
Python/Solidworks

📅 July 11   📍 My Home

- Utilized Python and a machine learning algorithm library to watch my doorway and send me a picture through email when it detected a human at the door.
- Modeled and printed a black casing to hold the raspberry pi and camera.
- Plan to add video streaming to a website so I can view anywhere. This currently only works on local network.

EXPERIENCE

Tutor
University of West Florida

📅 Aug. 2019 – May 2020   📍 Pensacola, Fl

- Help countless students understand Computer Science, Computer Engineering, and Electrical Engineering that they may not have understood the first time.
- I worked more than the 10 hours I was paid a week to ensure the students that came to me for help got the help they needed.

LANGUAGES

Language	Proficiency
C	● ● ● ● ●
C++	● ● ● ● ●
MatLab	● ● ● ● ○
Python	● ● ● ○ ○
Java	● ● ● ○ ○
Assembly	● ● ● ○ ○
HTML	● ● ○ ○ ○
JavaScript	● ● ○ ○ ○
Japanese	● ● ○ ○ ○
Spanish	● ○ ○ ○ ○

THINGS ABOUT ME

🎓 My Ambition
First in family to go to school in STEM and I strive to learn everyday.

⭐ Dedication
I personally made sure that everyone that came to me for help understood and got the help that they need.

🔥 Persistence
If I receive a problem I am indivisibly attentive to it ensuring I fixed the problem or got the help needed to complete the problem.