Alexander Bonnette

4271 E. Market St.   ambonnette@student.ysu.edu
Warren, OH 44484   330-367-9790
                                              GitHub: https://github.com/AlexBonnette

Education

YOUNGSTOWN STATE UNIVERSITY
Bachelor of Engineering (Electrical and Computer Engineering)
Coursework in Electrical Theory, Computer Science, Circuit Design, Physics (General Physics 1, Statics and Dynamics, Electromagnetic Energy Conversion), Engineering Method
Class Standing: Senior
Dean's List – Fall 2014-Present
President's List – Fall 2015

Relevant Work Experience

Vista AST, LLC.   Youngstown, OH
3D Printing Intern   February 2017 – Present
Build and test all new Invent3D 3D-printers (regardless of model). Troubleshoot, repair, and upgrade all products when needed. Assist in operation and maintenance of all equipment in Vista AST's Maker Space.

FEIC Financial, Inc.   Youngstown, OH
IT Analyst   May 2016 – February 2017
Continually analyzed all technological systems in use, and composed recommendations on upgrades or changes in order to maintain appropriate balance between cost minimization and software functionality for needs at the time. Addressed all technological issues on a first-level support basis as necessary in order to minimize and eliminate impact on business functionality, and prevent future occurrences.

Business Equity Advisors, Inc.   Youngstown, OH
IT Analyst   September 2016 – February 2017
Performed duties similar to those of FEIC Financial, Inc. IT Analyst

Leadership and Activities

YSU Institute of Electrical and Electronics Engineers, Junior Representative   January 2015 – May 2017
Participated in meetings, events, and fundraisers, and kept up-to-date on all happenings within the organization. Ensured Junior class of Electrical Engineers were notified of all meetings time, events, and fundraisers.

YSU Institute of Electrical and Electronics Engineers, President   Fall 2017 – Present
Collaborate with fellow officers as well as other campus organizations to organize meetings, events, and fundraisers for the organization. Organize events (with officers' help) that further members' knowledge of technology, as well as promotes professionalism among the members.

Penguin Hackers, Active Member   April 2017 – Present
Participate in meetings. Actively participate in the organization via the Slack group. Assist in organization of HackYSU event. Collaborate with fellow members to participate in other "Hackathons" across the state.

Projects

3D Printer, Personal Project   May 2017 – Present
Work with a mechanical engineer to design and build a functional 3D printer for personal use, based on a design put on YouTube by Mads Nielson.

HackYSU 2017, YSU-hosted Event   April 2017
Worked with a team of four other students over the course of two days to utilize an Arduino Mega, twelve RGB LEDs, four push-buttons, and C++ to create a maze that is navigated using the push-buttons. The LEDs served as a display, indicating what is immediately surrounding the user and executing different animations for winning and other events.

Game Jam 2017, YSU-hosted Event   April 2017
Worked with a team of three other students to create a game from scratch for the Oculus Rift using Unity and C#.