Adam R. Stammer

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OBJECTIVE

The opportunity to grow in a learning environment so that I can apply my knowledge and abilities to create a better more sustainable world through the use and development of digital technology.

EDUCATION

Winona State University, Winona, MN   GPA 3.53+
Bachelor of Science, Computer Science (Minor: Physics - Electronics)   Expected December 2020

PROFESSIONAL EXPERIENCE

Research Assistant   June 2019 - Present
Winona State University, Winona, MN   (Mentor: *Dr. Carl Ferkinhoff*)

- Designed and built the foundations of the Hardware.astronomy Housekeeping Box (H.aHkBox) as to be used with the ZEUS-2 grating spectrometer.
- Learned and developed skills in independent hardware and software research, design, and documentation.
- Presented poster at the 235th AAS meeting (Honolulu, HI)

Technical Support   June - August 2018 Daktronics, Brookings, SD

- Remotely aided field technicians in the hardware and network setup and repair of digital billboards.
- Developed remote communication skills with technical and non-technical people.
- Gained experience in reading and communicating operation manuals, part lists, schematics, and other technical documents.

COMPUTING SKILLS

Programming Languages: (Ordered by Experience)
     Java, C/C++, PDP-11 Assembler, Python, Octave/Matlab, C#, VHDL
Platforms and Tools:
     Arduino, Raspberry Pi, FPGA, Windows, Linux, Git

INTERESTS

Cycling, hiking, cooking, gardening, carving, bookbinding, video game modding, PC building