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 help create a better and more sustainable world through the use and development of digital technology.

EDUCATION

Winona State University, Winona, MN   https://www.winona.edu/
Bachelor of Science, Computer Science (Minor: Physics - Electronics)   GPA 3.53
                                                                                  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)
- https://github.com/AdamStammerWSU/h.aHKbox

Tutor   August 2020 - Present
Winona State University, Winona, MN   Computer Science Department
- Assisted students with homework assignments and studying
- Primarily tutored Computer Systems working with Assembly on the PDP-11
- Gained experience helping others learn and draw conclusions on their own based on existing knowledge

Technical Support   June - August 2018
Daktronics, Sioux Falls, 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 operations manuals, part lists, schematics, and other technical documents

COMPUTING SKILLS

Programming Languages: (Ordered by Current Familiarity)
     Java, C/C++, Assembly (PDP-11), Python, Octave/Matlab, C#, Verilog
Platforms and Tools:
     Arduino, Raspberry Pi, FPGA, Windows, Linux, Git, CircuitMaker, Eclipse IDE, Visual Studio IDE

INTERESTS/HOBBIES

Cycling, hiking, cooking, gardening, carving, bookbinding, electronics