TRISTAN **WENTWORTH**

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I am a results-oriented senior computer engineering student. Whether working on academic, extracurricular, or professional projects, I apply proven problem-solving and communication skills along with a solid work ethic.

EXPERIENCE

MAY 2018 – OCTOBER 2018
IS SUPPORT PROFESSIONAL IN TRAINING, WISCONSIN DEPARTMENT OF HEALTH SERVICES

- Assisted in the management, documentation, and deployment of both software and hardware for over 6000 devices
- Reimaged and built devices for new and current employees as well as assisted in educating employees on proper information security practices
- Coordinated with a team and carried out a Win10 deployment for an entire office

SEPTEMBER 2017 – DECEMBER 2019
SUPPORT DESK, WISCONSIN COLLABORATORY FOR ENHANCED LEARNING

- Managed AV, printing, and computing equipment
- Troubleshot and resolved any equipment or software issues

SKILLS

- Verilog , JAVA, Python, C, Matlab, CSS, and HTML
- Adaptable and eager to learn

- Excellent problem-solving abilities
- Exceptional communication and leadership

EDUCATION

DECEMBER 2020
BACHELOR OF SCIENCE: COMPUTER ENGINEERING, UNIVERSITY OF WISCONSIN - MADISON

- Relevant coursework includes: Digital System Design and Synthesis, Introduction to Microprocessor Systems, Computer Architecture, Technical Communication

PROJECTS

FindTune Team Leader – Digital Engineering Laboratory
I lead a group of six engineering students to design and implement a device that was capable of producing a harmony of sound that was input through a microphone.

- Created a custom instruction set, language, assembler, and compiler
- Designed and created a custom processor
- Leveraged Github for collaboration and version control
- Designed and implemented a Gantt chart and deadlines to satisfy class requirements

INVOLVMENT

CHI PSI – UNIVERSITY OF WISCONSIN MADISON

- Vice President (Dec 2018 – Dec 2019)
- Assisted in the management of facilities and the budget of over $300,000
- Oversaw 11 other positions utilizing Trello to facilitate organization within and between these roles