Sam Lavin

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Education

IOWA STATE UNIVERSITY COLLEGE OF ENGINEERING | AMES, IA

- B.S. in Computer Engineering, minors in Music and Music Technology   Expected Dec 2022
- Current 3.4 / 4.0 GPA
- Received President's Award for Competitive Excellence and Cardinal Leadership Scholar Award

BENTON COMMUNITY HIGH SCHOOL | VAN HORNE, IA

- 4.1 / 4.3 GPA   Graduated May 20th, 2018
- Accepted into the National Honor Society

Skills & Abilities

- Programming: C, Java, and Python
- Web development: PHP, HTML, CSS, JavaScript, Zend Framework 2, and Bootstrap

Professional Work Experience

WEB DEVELOPER | IOWA STATE IT SERVICES | APRIL 2019 - FEBUARY 2020

- Used PHP, JavaScript, and CSS to create and update websites for the University.
- Learned to use Git in a professional work environment.

LARGE EQUIPMENT OPERATOR | CEDAR RAPIDS PARKS AND REC | SUMMER 2018

- Mowed, trimmed, mulched, and maintained several parks in the Cedar Rapids area full time.
- Learned how to communicate with other coworkers professionally.

Projects and Other Experience

ROBOTIC MARBLE SORTER

- Used C to program a machine that sorted between clear, colored, wood, and metal marbles.

MAILBOX SENSOR

- Read data from a motion sensor in a mailbox with Arduino and sent that data to a Raspberry Pi that displayed text on a small OLED display and sent text messages about the mail.

OTHER

- Worked with high school tech department to install software on new MacBook's, troubleshooting various issues with laptops, and crimping lots of network cables.
- Built and upgraded my own custom PC.
- Held leadership positions in college and high school marching band, track, and cross country.