Ben Lottes

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Education   Expected Graduation May 2023

University of Kansas, Lawrence, KS

Bachelor of Science in Computer Science, GPA 3.69

Working on Certificate in Cyber Security

Work Experience

Student Employee - KU School of Engineering IT Center   November 2019 - Present

- Problem Solved IT issues of the KU Engineering School
- Took phone calls and arranged for techs to resolve issues
- Assisted students and faculty to diagnose and address their IT problems
- Monitored 15 classrooms and 20 printers to ensure minimal downtime

Electronics Team Member – Target   November 2017 – July 2020

- Worked with customers to find technology to fit their needs
- Kept up to date on newest devices and services
- Assisted guests with problems with their devices

Skills

Python, Java, C++, Javascript, HTML, CSS, Git and Github, Debugging Tools (GDB, Valgrind), Microsoft Office Suite, Customer Relations, Conflict Resolution, Problem Solving

Leadership Positions

Treasurer, KU Artificial Intelligence Organization   September 2021 - Present

- Organized for and received funding through the University of Kansas
- Participated in creating a LSTM based neural network capable of generating music

Team Lead, Software Engineering Class   August 2021 – December 2021

- Developed a budget tracking desktop application from the ground up using JavaFX
- Headed development of data management and visualization with graphs
- Distributed tasks among the group to keep us on schedule
- Managed testing before commits to the repository

Projects

- Created a compiler for a simple offshoot of C created by my professor
- Simulated a MIPS processor using VHDL capable of recursion
- Used C to implement communication between a raspberry pi, an Arduino, and motors to steer a self-driving RC car
- Developed Battleship and Connect Four with Javascript, HTML, and CSS
- Implemented a variety of data structures in C++