

Ben Lottes

Benlottes.com | benclottes@gmail.com | 314-641-9696

Education

Graduating in May 2023

The University of Kansas, Lawrence, KS

Bachelor of Science in Computer Science, GPA 3.74

Certificate in Cyber Security

Work Experience

Student Employee - KU School of Engineering IT Center

November 2019 - Present

- Problem solved IT issues in the KU Engineering School
- Took phone calls and arranged for techs to resolve issues
- Diagnosed IT issues for students and faculty in a timely manner
- Monitored 15 classrooms and 20 printers to ensure minimal downtime

Electronics Team Member – Target

November 2017 – July 2020

- Chatted with customers to find technology to fit their needs
- Kept up to date on the latest devices and services that we provided
- Assisted guests with fixing their devices when issues came up

Skills

Python, Java, C++, JavaScript, HTML, CSS, React, MongoDB, Git, 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
- Guided students new to coding through creating some of their first programs.

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
- Wrote a simple shell equipped to run basic commands, programs, and supported piping.
- 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++