

Josh Moore

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EDUCATION

University of Missouri-Kansas City

Bachelor's of Science in Computer Science

Vice President of the UMKC CS Club

GPA: 3.6

August 2024

August 2023 – May 2024

Johnson County Community College

Associate of Science in Computer Information Systems

May 2021

RELEVANT EXPERIENCE

Cerner

Intern - Software Engineer

- Worked as a team to provide interoperability between Cerner and clients via Spring Boot
- Independently resolved various bugs submitted by my team through Jira
- Reviewed teammates' code through Github
- Helped build SQL queries for large datasets
- Built unit tests for both my own and teammate's code using Mockito

PROJECTS

Portfolio Website

HTML, CSS, JavaScript

- Built a responsive design for accessibility across a variety of devices
- Studied and practiced the FLIP animation technique (but didn't implement in final version)
- Learned and implemented the BEM naming convention

Voronoi Diagram Generator

C, SDL2

- Created an application that generates and displays a random Voronoi diagram
- Utilized SDL2 to handle user inputs
- Implemented a jump flooding algorithm for a time complexity independent of seed number
- Rendered my own GUI using SDL2 and custom bitmaps for labels and a font

Youtube Playlist Searcher

HTML, CSS, JavaScript

- Developed and maintaining a web application that allows users to search their playlists
- Utilized Google's public API to retrieve data from YouTube

ESP32 WebServer

Arduino, LittleFS

- Hosted my Youtube Playlist Searcher locally on an ESP32 chip
- Wrote code for an asynchronous webserver using Arduino
- Utilized LittleFS to create and manage a file hierarchy on the microcontroller

RuneLite Plugin

Java, Open Source

- Developed and currently maintain a plugin for RuneLite's open source plugin hub
- Provide 6,500+ active users quality of life and accessibility via a customizable reminder app
- Utilized RuneLite's API calls
- Complied with RuneLite's coding format and coding conventions
- Implemented new features requested by users