

SAMUEL BENNING

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PROJECTS

Quick Scheduler

- GUI-based appointment scheduling software that allows users to perform CRUD. Persistent data storage implemented via a MySQL database. All user input is validated, and detailed error messages are displayed. The application provides all dates and times in the user's local system time-zone.
- Technologies utilized: Java 11, JavaFX, MySQL, git, Scene Builder, IntelliJ.
- Programming concepts utilized: OOP, MVC design, DAO design

Inventory Management System

- Basic GUI-based inventory management system that allows users to perform create, update, and delete part and product records which are not persistently stored.
- Technologies utilized: Java 11, JavaFX, git, Scene Builder, IntelliJ.
- Programming concepts utilized: OOP, MVC design

Etch-A-Sketch

- Web application that provides an area for users to draw by simply dragging their cursor. JavaScript is used to dynamically create a grid of square, empty divs and attach event listeners to color the div when the cursor passes over. A slider is provided for the user to change the resolution of the grid, and options are provided for drawing in black, greyscale, or random RGB values.
- Technologies utilized: Vanilla JavaScript, HTML, CSS
- Programming concepts utilized: Event-driven programming

EDUCATION

Bachelor of Science in Computer Science (In Progress)

Western Governors University

Expected Graduation: July 2022

EMPLOYMENT HISTORY

Apartments Seldom Scene

HVAC/Maintenance Technician

2020-present

- Troubleshoot and repair a variety of appliances and equipment, with focus on HVAC. Communicate with tenants to schedule and repairs. Coordinate work with property manager and maintenance manager.

Jack Lehr Heating, Cooling, & Electric

HVAC Service Technician

2019-2020

- Performed troubleshooting and repairs and a variety of HVAC equipment. Explained technical details in an easy-to-understand manner so customers could make informed decisions about repair options.