Jared D. Furlow

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https://github.com/jdf221 https://jaredfurlow.com

EDUCATION

Jacksonville State University - Junior
Computer Information Systems
Expected Graduation Date – December 2022

Jacksonville, AL
August 2018 – Present

TECHNICAL KNOWLEDGE

Javascript & HTML/CSS
Node.JS, NPM, Typescript, Express, Vue, Framework7, common bundlers and linters

Swift   **PHP**   **Python**   **Java**   **Bash/Linux**   **C++**   **Object-oriented programming**

PROJECTS

Monopoly Bank App

App that keeps track of each player's bank balance. Players can deposit, withdraw, and transfer money from their account to the bank or other players. All bank transactions are shown publicly.

- Built with the Framework7 UI library and Javascript.
- App screens are updated live through a WebSocket.

School Grade Notifier

Service that sends the user text messages when a teacher updates a grade online.

- Written in Javascript / NodeJS.
- Uses an API created by me that loads the school's grading website and extracts the grades of assignments.

DIY Internet Connected Garage Door

Controls a 5V Relay connected to a garage door remote.

- Programmed on an Arduino in C.
- Exposes 2 API endpoints to control the garage.

Concession Stand Cash Register App

App that allows the user to add items to the order, see the total at all times, add amount paid, and shows the change due to the customer.

- App built with the Framework7 UI library and Javascript.

Note: Projects explained in more detail: https://jaredfurlow.com/projects

WORK EXPERIENCE

Bank of America
Summer Technology Analyst

June 2021-August 2021
June 2022-August 2022
Dallas, Texas

- Worked with IBM z/OS, ISPF, z/OS Unix, JCL, REXX, Java, and Python
- **Summer 2021:** Developed a Python script that ran on z/OS Unix and would generate an interactive HTML report based on various input files located on the z/OS file system.
- **Summer 2022:** Automated two previously tedious manual tasks
  - Verifying backup job success statuses on z/OS with JCL and REXX
  - Tool metric statistics uploads from z/OS to a MS SQL Database using JCL and Java on z/OS Unix