NOAH BRITTON

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Education

Rochester Institute of Technology
BS Software Engineering 2022
Interested in an internship for the Spring and Summer of 2019.

Projects

Wii-Tar 🎸   Spring 2019
- Personal Project
- Turned a Guitar Hero Controller into an actual instrument
- Mapped out way of playing 2 octaves on the controller's 5 buttons in spreadsheet
- Guitar inputs were translated to Midi output in real time to Helm Synthesizer

Tools: Python, CWiid, RTmidi, Tmux, Vim, PyCharm

Library Book Management System   Spring 2019
- Class Project - Team of 4
- Design and implement an accurate library simulation following list of functional requirements
- Implemented GUI and CLI, Visitor and Book check-in/out, Undo/Redo, Persistency and Google Books API using Design Patterns and following Design Principles

Tools: Java, Gson, LucidChart, GOF Design Patterns, IntelliJ, Git

Highlight   Spring 2019
- Hackathon Project - Team of 4
- Puts access to the Jumbotron into the smartphones of all stadium attendees
- Android App made with kotlin in Android Studio streams camera feed through a web service to WebApp
- Python Flask Server receives metadata from Android App and sends it to the WebApp
- WebApp built with Node.js receives data and displays a control panel for person in charge of picking the stream to display, and one that acts as the display for the Jumbotron

Tools: Python, Flask, Android Studio, Google Cloud Platform, JavaScript

Employment

IT Intern
WSWHE Boces   Summer 2018, Summer 2019

Helped IT with pretty much anything they could find and needed help with.
- Repaired and replace parts in laptops.
- Rewired and organized servers.
- Aiding teachers with computer issues.
- Preparing desktops and laptops for the next year

Activities

Society of Software Engineers · Mentor and Lab Operations
Mentoring Lab for the Software Engineering Major, with a focus on four fundamental pillars: Networking, Mentoring, Projects, and Events.

RIT Surround Sound · Treasurer
RIT's Premiere Barbershop focused A Cappela Group

RIT PepBand
Clarinet Section

RIT Cross Country, Track & Field