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MATTHEW VEEDER

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EDUCATION

SLC, UT

University of Utah

Expected Graduation Dec 2022

- **Masters of Software Development**

TECHNICAL EXPERIENCE

Wasatch Resort Snowfall WebApp

- **Java Web Scraper & Node, Express, MongoDB with Azure App Service** - Used Java and Jsoup library to scrape web data daily from local ski resorts on snowfall. Developed backend using Node, Express, and MongoDB with application deployed to Microsoft Azure App Service. Used ApexCharts library to visualize and chart data with Javascript on the client-side application.

Reddit-Isms Bot

- **Common Phrases Comment Parsing Python Bot** - Developed a bot using Python that uses the Reddit API to read posts and comments, and parses these looking for phrases matching text within a provided text file listing commonly used short responses. When a match is found the commenting user's recent posts are parsed for additional common phrases, then the bot posts a reply specifying the common phrase initially found, and how often the user posts similar common phrases in their recent comments.

Chat App Server and Client

- **Server-Side and Browser/Android App Chat Client** - Implemented a multi-user chat application for both the server and client sides. Backend developed using Java with WebSocket protocol. Browser-based frontend created with HTML, CSS, and Javascript. Android app client implemented using Java and Android Studio.

Space Invaders Clone

- **C++ and SFMLibrary** - Developed a clone of the classic arcade game Space Invaders using C++ and the Simple Fast Multimedia Library. Focused on clean, reusable code and Object-Oriented Programming concepts.

Chrome Extension - Recipe Focus

- **Chrome Browser Extension** - Created a Chrome browser extension that, when active, pulls relevant elements with recipe information to the top of the window and hides other elements with unrelated information. Implemented with HTML, CSS, Javascript.

Portfolio

- **mveed.github.io** - Responsive web development project also hosts and displays various projects and web apps implemented as practice for further developing my software developer skills. Javascript, CSS, HTML, JQuery, RESTful API consumption. Links to some of the projects listed above still running online, or their respective code repositories.

Languages and Technologies

- C++, Java, Javascript, JQuery, HTML, CSS, XCode, Android Studio, Git, Version Control, Full Stack Development - Front End and Back End, OOP - Object-Oriented Programming