DANIEL HERSEY

Contact Info

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ACADEMIC PROJECTS

HYPO (Hypothetical Decimal) Machine

Framingham State University

📅 Spring 2020   📍 Java, Machine code

- Capstone project for Computer Science students at Framingham State University
- Program written in Java that simulated the memory and CPU hardware of a computer, capable of running the MTOPS operating system, an operating system created for the class intended to run on a micro computer.
- Wrote Assembly code that we then converted into machine code and fed into the HYPO machine.

BuySellBooks online Library

Framingham State University

📅 Spring 2020   📍 HTML, JSP, CSS, SQL, JavaScript

Simulated an online library website using a book database and three user types, Seller, Buyer, and Admin. I was responsible for all of Seller,and most of Buyer.

Used SQL queries to pull and manipulate data from a database hosted using PHPmyAdmin. SQL strings were used to enable "purchasing" abook from a sellers inventory on the buyer's end.

PERSONAL PROJECTS

Personal Website

📅 Summer 2021   📍 HTML, CSS, JavaScript

My Personal Website built using HTML5, CSS, and plain JavaScript. It is currently fully responsive for a few standard view ports including mobile, desktop, and laptop.

I am always adding new features and repositories to the site.

My Forecast App

📅 Summer 2021   📍 React, CSS, API's

Modern, weather forecast React app using states to display 5 day forecast for a given location.

App uses MapQuest's API to translate the desired location to geographical coordinates, and then sends those coordinates to Openweathermap's one-call API to receive the current 5 day forecast for the location

SKILLS

Customer Service   Passionate for Technology   Hard-working

Microsoft Excel   ReactJS   Bootstrap   MySQL   OOP

LANGUAGES

Language	Level
HTML	● ● ● ● ●
JavaScript	● ● ● ● ○
CSS	● ● ● ● ○
React	● ● ● ● ○
Java	● ● ● ○ ○

EDUCATION

B.S Computer Science

Framingham State University

📅 Aug 2016 - May 2020

EXPERIENCE

Meat Clerk

Market Basket

📅 2015 – 2021   📍 Newburyport, MA

- Strong customer service skills developed over time. Familiarity handling difficult customers.