

DANIEL HERSEY

Contact Info

@ dhersey800@gmail.com 978-518-6866 41 West Shore Rd, Merrimac MA, 01860
Massachusetts, United States dhersey97.github.io/dhersey.github.io/ dhersey1997
dhersey97



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" a book from a seller's inventory on the buyer's end.

PERSONAL PROJECTS

Personal Website

Winter 2020 - Ongoing

HTML, CSS, JavaScript

Simple portfolio website that I am currently working on.

Plan to host more in depth project descriptions on the site.

Sudoku Solver

Summer 2020

Java, Swing UI

Wanted to learn more about the backtracking algorithm and practice GUI development in Java using Swing.

Program solves a user given Sudoku Board. If the board is invalid it prints so.

Employee Manager

Summer 2019

Python

Simple GUI program that allows user to add/delete and lookup employees from a dictionary.

Wanted to learn how to create simple user interfaces in Python

SKILLS

Customer Service

Passionate for Technology

Hard-working

Microsoft Excel

ReactJS

Bootstrap

MySQL

OOP

LANGUAGES

HTML



JavaScript



CSS



Java



SQL



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.