

Habit Tracker (Personal Project)

MERN Stack Version

I am developing a website using a MERN stack on AWS Elastic Beanstalk PaaS. Currently working on source code for this.

C++ Command Line Version

Initially I was coding the project in C++ and the source code is found here:

github.com/evanJensengit/Habit-Tracker-Project/tree/master/HabitTracker

Analysis and Design (CSS 370)

Habit Tracker Application Design

Applied requirements specification and design techniques to engage with the project of creating Habit Tracking application. For this project, I worked with five team members to create a design for the Habit Tracking application. I used domain diagrams, use case descriptions, use case diagrams, activity diagrams, wireframes, robust diagrams, sequence diagrams, data flow diagrams and class diagrams to thoroughly communicate the structure and general design of software product to be implemented. Link to project: github.com/evanJensengit/CSS370Project

Information Assurance and Cyber Security (CSS 310)

Home Depot Security Breach Project

Wrote a 3000 word paper on all the fundamental cyber security aspects of the data breach The Home Depot experienced in 2014. Link to project:

<https://docs.google.com/document/d/1a4WStHcnli5xR87wEEsvL2KH-MO1USMo39kFi3XehM0/edit?usp=sharing>

Operating Systems (CSS 430)

Shell Simulator Project

Successfully implemented a program in C that simulates a linux command line. When running the code in linux environment the program executes all linux commands such as "ls" "ls -l" and pipes such as "cat filename | less" and file descriptors such as "cat > test.txt". This program was implemented through using pipes, forks and the exec function. Email me at jensen55@uw.edu for the source code. I am not able to post the source code publicly due to the code I wrote for the assignment potentially being used by other students to cheat on the assignment.

Data Structures, Algorithms, And Discrete Mathematics (CSS 343)

Library Simulator Project

Designed and implemented library simulator project in C++. Email me at jensen55@uw.edu for the source code. I am not able to post the source code publicly due to the code I wrote for the assignment potentially being used by other students to cheat on the assignment.