

Kobi Tremble

Software/Web Developer

Duluth, MN

(218) 590-7240

KobiLTrem@gmail.com

<https://github.com/Saguuu>

<https://saguuu.github.io/Portfolio>

EDUCATION

University of Minnesota College of Science and Engineering, Minneapolis

Sept 2015 - May 2017

CS Courses: Data Structures and Algorithms (Java), Introduction to programming (python).

Math Courses: Derivative Calculus, Integral Calculus, Discrete Mathematics.

Edx Courses

Feb 2022 - Present

Harvard CS50: C, Python, HTML, CSS, Flask, SQL.

Harvard CS50Web: Django, Javascript.

PROJECTS

Network — Social Media Website | [Site](#), [Github](#)

- Developed with Django Rest Framework, React JS, and PostgreSQL.
- Created a responsive full stack web application where users can follow other users, like, create, edit and delete posts/comments, as well as update and customize their profile.

Stock Trader — Stock Trading Website | [Site](#), [Github](#)

- Assembled with Flask, and SQL. Data provided by [IEX](#) API.
- Implemented user authentication, ability for users to buy/sell stocks, and be quoted stock prices via the IEX api.

Password Manager — Password Manager Website | [Site](#), [Github](#)

- Built with flask, javascript, and SQL.
- Implemented ability for users to enter passwords for storage and viewing. Includes full user authentication including custom password hashing, full encryption and decryption of stored passwords. Multiple tiers of user membership.

Bus Sim — Minneapolis Bus Simulation Application | [Github](#)

- Created with Java.
- Accurately simulates Minneapolis bus metro traffic given variable parameters. Returns data such as; passengers served, average wait times, average bus capacity etc.
- Implemented using OOP and data structures in java such as; interfaces, queues, stacks, and event driven actions.

TECHNOLOGIES / SKILLS

React JS

Django/Django Rest Framework

Flask

Git

Rest API's

Relational Databases

Node.js

OOP

LANGUAGES

HTML

CSS

Python

Javascript

SQL

Java

AWARDS

National Honors Society
2013–2014