Tien Le

Atlanta, GA

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TECHNICAL SKILLS

Proficient: Python, Flask, Alembic, SQLAlchemy ORM, PostgreSQL, HTML, CSS, Javascript, jQuery, Git, Unittest, RESTful API, cURL

Exposure: Java, MySQL, React, NodeJS, Docker, Kubernetes, Amazon EKS

PROJECTS

Capstone Project - Casting Agency | code   May 2020

Implemented a RESTful for a Casting Agency application that enables users to create/manage actors and movies
- Designed and built out all of the API endpoints needed for the application and properly secured them for use in any front end application
- Deployed the Flask application to Heroku with Role-Based Access Control(RBAC) using Auth0, a third-party authentication system

Trivia | code   March 2020

Implemented a trivia app that lets users play trivia and see who's the most knowledgeable of the bunch
- Used Flask as server framework, SQLAlchemy ORM to handle SQLite database, Flask-CORS to handle cross-origin requests from frontend server
- Structured plan, implemented and tested the Trivia API using Postman

Fyuur | code   February 2020

Created a web application that lets users post and discover their favorite shows and artists
- Implemented the backend code using Python3, and built the website's frontend using HTML, CSS, Javascript with Bootstrap 3
- Modeled data using SQLAlchemy ORM and stored data into database using PostgreSQL
- Used Flask as server framework and Flask-Migrate for creating and running schema migrations

Todo App | code   January 2020

Implemented a simple todo app and deployed it on Heroku that enables users to create, update, and remove todo lists and items
- Used Python to build the backend, and built the GUI of the app using HTML, CSS, Javascript
- Used Flask as server framework, and modeled data using SQLAlchemy ORM and PostgreSQL

CS50 Finance | code   July 2019

Created a web application for checking real stocks' prices, "selling" and "buying" stocks and keeping transactional history by querying IEX for stocks' prices
- Integrated IEX's API to get real-time stocks' prices and used Python to store user transaction into SQLite3
- Handled asynchronous requests using Javascript and displayed information to users using Jinja, HTML and CSS

Survey | code   March 2019

Implemented a simple web application for surveying purpose
- Built the form, stored results into a CSV file on the server and displayed a table of all of the submissions received using Python, Flask, HTML, CSS

PROFESSIONAL EXPERIENCE

SEO Analyst   July 2018 - Present

Qiigo, Roswell, GA
- Use WordPress to manage and organize content and use HTML, CSS knowledge to better optimize and design websites
- Handle more than 180 accounts and collaborated with developers and account managers to generate about 18 times more leads for a client in a period of 6 months from January 2019 to June 2019

EDUCATION

M.S in Computer Science, *Georgia Institute of Technology, GA*   August 2020 - May 2022

B.A. in Business Administration and Psychology, *Augustana College, IL*   August 2014 - May 2018

GPA: 3.8/4.0 | *Relevant Coursework*: CSC211- Introduction to Computer Science

CS50x-Harvard University's Introduction to Computer Science, *EDX*   April 2019 - July 2019