Andy Weng

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GitHub

LinkedIn

Portfolio

EDUCATION

University of Texas at Austin -- Computer Science, B.S
August 2017 – May 2021

Minor: Business
College of Natural Science Honor Roll
GPA: 3.93 / 4.0

EXPERIENCE

ConservOcean Website
Backend (Website   API Documentation   GitLab   Demo)

- Built a website to raise awareness of the harmful human activities and their impact on aquatic species and ocean regions.
- Designed the backend REST API with Postman and implemented it using Python and Flask.
- Hosted a PostgreSQL database server using Amazon RDS to store data scraped from multiple REST APIs.
- Created documentation for the REST API and wrote tests for all API endpoints using Postman and Python unittest library.
- Maintained a continuous integration pipeline using GitLab CI.

Personal Portfolio Website
Frontend (Website   Repo)

- Built a personal portfolio website using HTML, CSS, JavaScript, React, and React hooks.
- Utilized advanced CSS concepts such as Flexbox, CSS Grid, transitions and animations to make the website responsive and dynamic.
- Deployed the website using Heroku and set up a custom domain name as well as an SSL certificate.

Flaming Buffet Website
Frontend (Website)

- Implemented the redesigned and restyled website for Flaming Buffet LLC making the website more appealing and organized to the user.
- Constructed new pages to include new features the restaurant added recently, such as private parties and reservations.

Undergraduate Teaching Assistant
January 2020 - Present

- Supervised professor's lectures by assisting 50+ students' with in-class activities in a flipped-classroom setting.
- Lectured and explained concepts during weekly held office hours to help students accomplish their course objectives.
- Provided feedback and guidance to over 100+ students' programming assignments and projects.

SKILLS

Frontend

HTML	●●●●○
CSS	●●●●○
JavaScript	●●●○○
React	●●●●○
Bootstrap	●●○○○

Backend

Java	●●●●○
Python	●●●○○
Django	●●○○○
Flask	●●●●○
PostgreSQL	●●●●○
MySQL	●●●○○
Firebase	●●●○○
SQLAlchemy	●●●○○

Other Tools

REST APIs	GitHub
Amazon EC2	Postman
Amazon RDS	Object-oriented programming
Docker	IAAS
ORM	PAAS
HTTP	Unit Testing
Swift	Axios

Robotathon
Participant, 2018
HackTx
Participant, 2020