Colin Levine

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EDUCATION

Texas A&M University **College Station, TX**

General Engineering -> Computer Science *2022-Present*

Organizations

Freshmen Reaching Excellence in Engineering *2022-Present*

- FREE is a prestigious Freshman Leadership Organization at Texas A&M University, focused on fostering leadership skills and academic excellence among engineering students. As an active member of FREE, I contributed to the organization's success through various responsibilities, primarily involving merchandise production and social media management. Additionally, I have set my sights on taking on the role of a "Big" in the organization, aspiring to mentor and guide incoming freshmen in their transition to college life.

Aggie Coding Club *2023-Present*

- I plan to be active in this organization in the fall. Membership consists of contributing my coding skills and collaborating on a range of team projects. Additionally, I look forward to leveraging this opportunity to network with a diverse group of fellow coders across all majors.

Lutheran High School of San Antonio **San Antonio, TX**

Salutatorian *2018-2022*

TECHNICAL SKILLS

- Python – Flask, OpenAI, NumPy, SymPy, and Matplotlib
- HTML, CSS with Bootstrap, JavaScript
- C#, Prior exposure to Java
- Autodesk Inventor, Microsoft Office Suite, Adobe Creative Cloud Suite, Slack

RECENT PROJECTS

Vocal GPT – Python with OpenAI API *2023*

- This project enables users to engage in verbal conversations with OpenAI's GPT-3.5-Turbo large language model. By leveraging voice recognition and text-to-speech capabilities, this project bridges the gap between human speech and AI-generated responses, creating a more interactive and natural conversational experience.

Efficient RateMyProfessor – HTML, CSS, Python with Flask and RateMyProfessorAPI *2023*

- This web application is designed to enhance the user experience of finding professors by allowing users to search based on courses, rather than searching each individual professor. This project is aimed to provide students with a more streamlined approach to accessing valuable professor reviews.

Portfolio – HTML, CSS with Bootstrap, JavaScript *2023*

- This project was specifically created to learn the fundamentals of web development, with a particular emphasis on mastering the Bootstrap library and building responsive websites using CSS. The main objective was to showcase various projects I have worked on and highlight my skills through an aesthetically appealing and user-friendly online portfolio.

Calculator – HTML, CSS, JavaScript *2023*

- This four-function calculator was developed with the primary objective of honing JavaScript skills while utilizing CSS Grid for layout design and media query for responsiveness on mobile devices. This calculator allows users to perform basic arithmetic operations and served as a practical and hands-on way to practice essential frontend web development concepts.

RELEVANT COURSEWORK

Completed

- Introduction to Object Oriented Programming - C#
- Engineering Lab 102 – Python
- Calculus 1 and 2 (Math 151/152) – Python using NumPy, SymPy, and Matplotlib

Planned for Fall 2023

- Linear Algebra, Program Designs and Concepts using C++, Introduction to Computing, Discrete Structures for Computing

Planned for Spring 2024

- Data Structures and Algorithms, Computer Organization, Programming Languages