

# Colin Levine

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Portfolio: <https://colin.tools> LinkedIn: [/colinlevine](#) GitHub: [/colinlevine](#)

## EDUCATION

### Texas A&M University

Bachelor of Science – Computer Science

College Station, TX

Fall 2022 – Spring 2026

#### Leadership Roles

Freshmen Reaching Excellence in Engineering

Fall 2022 – Present

- FREE is a prestigious Freshman Leadership Organization at Texas A&M University made of **only 80 students**, focused on **fostering leadership skills and academic excellence** among engineering students. As a Freshman, I contributed to the organization's success through merchandise production and social media management. Currently, I am a “Big” in the organization, working to **mentor and guide incoming freshmen** in their transition to college life.

Aggie Coding Club

Fall 2023 – Present

- I plan to be active in this organization in Fall 2023. 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.

#### Awards

- National Recognition Scholarship  
\$3,000/semester | **\$24,000**
- Foundation Excellence Awards  
\$2,500/semester | **\$20,000**
- Keys to Aggieland Scholarship  
\$1,250/semester for 1 year | **\$2,500**

#### Relevant Coursework

- **Completed:** Introduction to Object Oriented Programming - C#, Engineering Lab 102 – Python, Calculus 1/2 – Python w/ NumPy, SymPy, and Matplotlib
- **Fall 2023:** Linear Algebra, Discrete Structures for Computing, Program Designs and Concepts - C++, Introduction to Computing
- **Spring 2024:** Data Structures and Algorithms, Computer Organization, Programming Languages

### Web Development Bootcamp

London App Brewery founded by Dr. Angela Yu

Online

Summer 2023 – Present

### Lutheran High School of San Antonio

Salutatorian

San Antonio, TX

Fall 2018 – Spring 2022

## TECHNICAL SKILLS

- Python – Flask, OpenAI, NumPy, SymPy, Matplotlib
- HTML, CSS – Bootstrap
- JavaScript – Node.js, Express.js, EJS, Learning React
- Autodesk Inventor, Microsoft Office Suite, Adobe Creative Cloud Suite, Slack
- C#, Learning C++ in Fall 2023
- Exposure to Java in Android Studio
- Google Cloud, WebRTC, Socket.io

## 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.

Peer-to-Peer Video Calls – JavaScript with Node.js, Express.js, EJS, PeerJS (WebRTC), Socket.io | CSS | HTML

2023

- This comprehensive full-stack development project is designed to **facilitate secure, private video communication** through peer-to-peer connections. The implementation of a WebRTC signaling server hosted on **Google Cloud's** App Engine ensures seamless and efficient peer-to-peer video connections, reminiscent of popular peer-to-peer video chat platforms like Omegle. The project can also support as many users in each room as the computer can handle.

Efficient Rate My Professor – HTML | CSS | Python with Flask and RateMyProfessorAPI

2023

- Enhanced the user experience of finding professors by allowing users to search based on courses, rather than searching each individual professor. This project utilizes web scraping and Flask 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.