

# Colin Levine

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Portfolio: <https://colin.tools> LinkedIn: [/colinlevine](https://www.linkedin.com/in/colinlevine) GitHub: [/colinlevine](https://github.com/colinlevine)

## EXPERIENCE

### Microsoft | Explore Internship

Edge Team – Software Engineering and Product Management Intern

Redmond, WA

Summer 2024

## 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 an **Events and Marketing Officer** in this organization in Spring 2024.

### 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, Adobe Creative Cloud Suite, Microsoft Office Suite, Figma
- C++, C#
- Exposure to Java in Android Studio
- Google Cloud, Azure

## RECENT PROJECTS

**Howdy Hack | Aggie Course Directory** – JavaScript with Node.js, Express.js, EJS, Socket.io | CSS Bootstrap | OpenAI 2023

- This hackathon was an opportunity for me to **teach a team that was entirely new to web development**. Together, we designed, built, and deployed a full-stack web application in just 24 hours. The project provides AI-generated course descriptions from GPT 3.5 Turbo, grade distribution graphs, and professor reviews for each computer science class, all within a single platform. The app was deployed on Google Cloud, ensuring accessibility for all students.

**TAMU Hack | Recall GPT** – HTML | JavaScript with Node.js, Express.js | Bootstrap | OpenAI | MongoDB | Azure 2024

- This study aid platform was developed to **improve study skills and exam preparation** through active recall, leveraging the power of **GPT 3.5 Turbo from OpenAI**. Inspired by the scientific effectiveness of active recall in learning, the platform assists users in comprehending complex topics and provides guidance to reinforce understanding.

**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.