

# Francis Gabriel Anos

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## Education

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

Expected Graduation May 2026

B.S Electronic Systems Engineering Technology, Minor in Computer Science

- **Related Coursework:** Engineering Lab 1: Computation, Circuit Analysis, Digital Electronics, Embedded System Development in C, Program Design and Concepts, Power Systems and Circuit Applications, Six Sigma and Applied Statistics

**Houston Community College** - Houston, TX

May 2023

Texas A&M Engineering Academy

- **Related Coursework:** Python Programming Fundamentals II, Data Structures and Algorithms

## Skills

**Languages:** Python, HTML/CSS, JavaScript, Swift, C, C++, SQL

**Technologies:** Node.JS, Flask, Firebase, Git, Quartus, Matplotlib, Microsoft Office (Word/Excel)

## Projects

**MSP432 Interface - Embedded C Project** | Embedded C

Fall 2023

- Developed a custom menu interface linked to real-time operations on a mixed signal microcontroller.
- Implemented UART, Tera Term, and Timer32/ SysTick Timers.

**StudentPluh - Student Resource Site** | JavaScript, HTML/CSS, Firebase

Summer 2023

- Designed and deployed an educational resource site containing 20+ curated tools tailored for college and high-school students.
- Utilized data scraping APIs to create a Textbook search function that displays pricing.
- Submitted to NorCalHacks online hackathon placing 160 out of 700+ teams.

**Stock Tracker & Notifier** | Python

Summer 2023

- Leveraged Yahoo Finance API to pull stock prices every second.
- Application notifies users whether a stock reaches a set upper or lower limit price.
- Implementation of the software allowed me to stay on top of stock prices.

**Portfolio Website** | JavaScript, HTML/CSS, Git

Spring 2023

- Constructed a personalized portfolio website to host projects, socials, my resume, and information about myself.
- Published using GitHub Pages.

**Typeracer GUI** | Python

Fall 2022

- Built a functional Type racing game GUI using Tkinter.
- Practiced usage of Object Oriented Programming skills.

**Web Snake Game** | HTML/CSS, JavaScript, Git

Spring 2024

- Improved JavaScript knowledge by creating a retro snake game project using an online resource.
- Improved HTML/CSS element manipulation with JavaScript.

## Activities and Leadership

**PhilSA** - College Station, TX

2024 - present

Officer (Marketing/ IT and Webmaster Officer)

- Manage the website and social media for the biggest Asian organization at Texas A&M
- Assist and manage organization technologies
- Collaborate with other officers to provide members with the best experience possible
- Reach out often to different organizations and persons regarding club-related topics

**Robotics Club** - Richmond TX

2018 - 2021

Officer (Historian)

- Built long-lasting communication infrastructure used for collaboration purposes.
- Worked with teams to build VEX bots using programming languages such as C++, VEXCode, and Python.