

Allen Wang

allen.wang256@gmail.com | Cell: 281-277-6659

EDUCATION

Texas A&M University, College Station, Texas (Undergraduate)

June 2025

Degree: Bachelor of Science in Computer Science; Minor in Game Design

GPR: 3.78 as of Fall 2023

MAJOR COURSEWORK

- Data Structures and Algorithms
- Discrete Structures Computing
- Computer Organization
- Programming Languages
- Intro to Computer Systems

PLANNED COURSEWORK

- Design Analysis Algorithms
- Computer Human Interaction
- Cloud Computing
- Software Engineering
- Computer Graphics

SKILLS

Programming Languages: Java, C++, C#, Python, Bash, LaTeX, Haskell

Developer Tools: Git, Github, Google Cloud Platform, Windows Subsystem for Linux, Unity, Godot

ACTIVITIES

Aggie Coding Club (ACC)

September 2021 – Current

Project Member

- Participated in LEETcode practice meetings, improving skills in solving technical problems.
- Part of the “Hyper Lethal” project, a game development project utilizing Unity. Assigned for Visuals and Item/Module systems design.

PROJECTS

- **Physics Orbital Simulator**

A simple python script which models the inner planets rotating around the sun. Can run in real-time or at variable speeds, giving speeds or positions of each planet. Visually shows the trajectory and positions of the celestial bodies.

- **Personal Discord Bot**

Utilizing Discord, an online social platform to communicate and chat, this is my first experience tinkering with API calls. Written in Python and actively running on a Raspberry Pi. Actively being worked on and improved.

- **Virtual Garage Door Switch**

A hardware-based project using a Raspberry Pi. Originally utilizing Amazon systems, utilizes SmartThings, a “smart home” controller to communicate with the house network. Allows for remote control of the garage door and checks temperature and open/close.

- **LOGISM Circuit Computer**

Created a small computer system utilizing circuits and simple gates to mimic a computer system, including ROM, RAM, CPU, Memory, and I/O. Allows for input of simple assembly commands and programs in binary.