

Contact Info

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Location

Portland, Oregon
United States

Education

Texas A&M University
2020 - Present
(Junior)
B.S. in Computer
Engineering

Programming Skills

- C++
- Python
- Java
- HTML
- CSS
- Verilog

Awards

- Received presidential scholarship for Oregon State University
- Maroon Merit Recipient for Texas AM University

Relevant Courses

- Electrical Circuit Theory
- Intro to Digital Systems Design
- Machine Learning
- Data Structures and Algorithms
- Microcomputer Systems

Lucas Ho

Computer Engineer

Current Objective Aspiring in a career field in cloud development, website programming, server administration, and cloud networking. Currently working towards **AWS Cloud Practitioner Certification** (CLF-C01).

Projects

Aggie Shell - October 2022

A program written in C++ that mimics a Linux shell. The shell is able to navigate through file systems, putting processes in background, and piping multiple processes.

Challenges: Preventing zombie processes by understanding the order and implementation of waiting for processes piping the read and write ends of processes.

Boys Over Flowers (TAMUHack) - January 2022

Constructed a web application that organizes user-uploaded pictures of flower or plants with descriptions and names by state utilizing HTML and CSS for the front end design and Python to implement the database.

Individual Role: Developed front end structure and customized the design through HTML and CSS.

AWS Hosted Website - December 2022

Utilized Amazon S3 bucket to host a static website.

Applications: Practiced working with EC2 instances and budgeting different parameters for the resources requested from AWS.

Leadership Experience

Epic Movement

Discipleship (Fall 2021 - present)

- Mentor and guide three people about what it means to follow Jesus and live as a Christian through weekly check-ins with each of them

Outreach Coordinator (Fall 2022 - Present):

- Direct weekly meetings for team of four to plan workshops and events that equip 90 members of the ministry to evangelize
- Discovery Bible Study: a Bible study of 10 people that welcomes newcomers and people unfamiliar with Christianity and encourages curiosity and discussion of the Bible
- Epic Movement Vision: ministry on campus that aims to reach all 2300+ AAPI students and form intentional relationships with them

Outreach Leader (Fall 2021 - Spring 2022)

- Workshops: monthly seminar of 25 people to coach fellowship on outreach topics and practice talking to people about Christianity
- Go teams: weekly gathering of 20 people to initiate intentional conversations with the A&M community, which lead to 400 conversations with students throughout the year