ANDY CALLAHAN

(832) 445-7941, a.c@tamu.edu

Objective

Seeking summer internship in computer science to gain professional experience in the tech industry.

Education

Texas A&M University, College Station, Texas   May 2025
Bachelor of Science in Computer Science, Minor in Statistics
GPA 3.98
Relevant Coursework:
Data Structures and Algorithms, Discrete Mathematics, Computer Languages, Computer Systems, Design and Analysis of Algorithms.

Skills

Python, C++, Java, HTML/CSS, TensorFlow, Git, y86 Assembly

Projects

Reinforcement Learning - OpenAI Gymnasium Framework   May 2023 - Present
- Maximize agent reward in a 2D grid environment using both the Q-table method and Q-function estimation.
- Utilize TensorFlow to model neural networks for function estimation.

CPU Architecture - Class project   April 2023
- Designed a 64 bit CPU using the y86 ISA with a team of 4 members.
- Executed assembly code programs on the CPU using a simulator.

Experience

Help Desk Central - TAMU Technology services   February 2022 - Present
Part-Time Student Technician
- Work alongside IT professionals to maintain virtual resources and communicate with campus members.
- Troubleshoot and document IT issues encountered on university websites and software.

Leadership

Corps of Cadets - Senior military college   August 2021 - Present
- Practice the command structure, ceremonial drills, and physical training of the U.S. military
- Exemplify the university's time-honored traditions and core values by wearing uniforms to class and attending annual ceremonies.

Boy Scouts of America - Eagle Scout   March 2014 - July 2021
Eagle Scout Project: Logistically organized building materials/tools and lead a team of 30 volunteers to restore wooden tables for a local park.