JOSHUA CLAPP

832-493-4534| jclapp@tamu.edu

OBJECTIVE: Summer 2023 Research Internship

EDUCATION

Texas A&M University College Station, Texas
Bachelors of Science in Computer Engineering in Software Engineering May 2024
Minors: Cybersecurity, and Mathematics
GPA: 3.830

EXPERIENCE

Full Stack Development Internship
Conference Management Services May 2022 - Current
- Implement backend features using PHP, SQL, Javascript, ASP, and Python
- Worked as a team with fellow engineers to design efficiency and secure solutions to problems
- Communicated with the board of directors on feasibility of features and helped resolve issues.

Raspberry PI
Self-Taught Feb 2021 - Current
- Setup a web server for file sharing
- Created a circuit with servo motor, buzzer, and light sensor that moves the servo and beeps the buzzer when specific light frequencies are detected.
- Long distance sound sensor, and a infrared sensor to measure motion and distance

Scheduling Project
Self-Taught Jun 2022 - Aug 2022
- Used python to create a manager that automatically read from a google drive and found the days that worked best for all users.

Cybersecurity Project
Self-Taught Jun 2022 - Current
- Used pi to establish secure web server using open ssl
- Working toward security+ certification.

LEADERSHIP

Kappa Upsilon Chi Texas A&M University
Treasurer May 2021 - May 2022
- Managed operations with Save Our Streets Ministries to provide a food pantry and home repairs for College Station & Bryan's impoverished as they recover from drugs, gangs & prison.
- Created, presented, and ensured budgets were followed
- Worked with other officers to balance finances and leisure activities.

Kappa Upsilon Chi Texas A&M University
VP Aug 2022 - Present
- Managed officers and worked directly with President help facilitate his ideas
- Planned team building activities like paintball and helped plan budgets.

HOBBIES

- Computer Languages: SQL, ASP, ARM V8 Assembly, Python, C++ ,C ,PHP,Verilog , Java, Javascript, and Bread Boarding
- Rock climbing
- Chess