Muning Fan

Bachelor of Science in Electrical Engineering   281-771-7590
Minor in Computer Science and Cybersecurity   mun777@tamu.edu

OBJECTIVE SUMMARY

Howdy!
My name is Muning, and I am currently a senior at Texas A&M University. I am seeking a full-time position for a summer 2023 internship. I am motivated, hardworking, and dedicated worker who is willing to learn and adapt.

EDUCATION

Texas A&M University, College Station, Texas   December 2023
Defense Cyber Leader Development Program
Bachelor Science in Electrical Engineering   GPA: 3.77
Minor in Cybersecurity
Minor in Computer Science
Credit Hours   111

WORK EXPERIENCE

Texas A&M Division of IT, College Station, Texas   October 2021 – Present
Security Operations Student Analyst
- Analyze data sources such as NetFlow and authentication logs and perform event correlation in Splunk Enterprise
- Investigate alerts in AI-powered platforms including Vectra Cognito
- Diagnose relay issues

Caterpillar, Houston, Texas   August 2021 – Present
Electrical Engineering Intern
- Write test plans for prototype marine panels that are in developmental stages
- Conduct testing on marine and industrial projects by integrating and linking CAN bench
- Establish/setup networks and test benches using datalink simulation and CAN
- Perform validation of prototype products and document results

Schaper Energy Consulting Houston, Texas   May 2021 – August 2021
Engineering Technician
- Write formal presentations and briefs for a variety of clients that addressed findings in data
- Learn data analytics using Python and Spotfire to model data and establish relationships between data
- Write engineering reports that addressed the current capacity of carbon capture and storage in the United States
- Recreate winter storm Uri and its effects on customers, business, and infrastructure

CERTIFICATIONS

CompTIA Cybersecurity Analyst Plus (CySA+)   April 2022
Texas A&M Engineering Extension Service Digital Forensics Basics   April 2022
Splunk Fundamentals Parts 1 and 2   April 2022

SKILLS and COURSES

Proficient in Microsoft Office
Advanced Computer Architecture
Verilog of Single Cycle Processor
Proficient in Python, C++
Experience with CAN networking
Experience in Java and JavaScript
Experience in JS, HTML, and CSS
Operating systems and Algorithms
Software Engineering Methodology

General Skills: customer service, time management, communication, self-motivation, public relations

LEADERSHIP

Defense Cyber Leader Development Program, Texas A&M University   August 2021 – Present
Recipient
- Competitively selected to Texas A&M's 2021-22 DCLDP, an NSA-sponsored cybersecurity workforce development program

Engineering Mentorship Council, Texas A&M University   August 2021 – Present
Mentor
- Mentor a small group of freshmen who are interested in the same major as me and guide them towards success
- Ensure success of engineering freshman during their first year at A&M
- Coordinate and establish good study habits for the freshman
- Help freshman with tasks such as time management, classes, and outside activities

Delta Sigma Phi, Texas A&M University   January 2021 – Present
Founding Father/Brotherhood/Social
- Organize socials and various events with other organizations by coordinating time and event venues
- Establish charter of Delta Sigma Phi at Texas A&M University
- Prepare and participated in semester recruiting of new members during rush week
- Aided in setting up events and manage logistics for brotherhood events
- Conducted administrative duties for fraternity to be recognized as a student organization at Texas A&M

Corps of Cadets Texas A&M University   August 2019– Present
Scholastics and Career Readiness Sergeant
- Ensure scholastic success of 200+ cadets by working directly with key leadership to develop and implement effective and efficient study methods, goals, and techniques.
- Implement effective and efficient study methods, goals, and techniques. • Create and implement career readiness plans such as industry/academic speakers, resume building, professional networking, and career management skills for 200+ cadets to ensure success.

ACTIVITIES

Bitcoin Club, Texas A&M University
Speaker   August 2021-Present
- Speak about potential of crypto currency
- Provided advice for people interested in crypto

International Student Association, Texas A&M University
Advisor   August 2021-Present
- Assisted in integrating international students to adjust to Texas A&M
- Help introduce local Texas culture to international students

Undergraduate Research, University of Houston   July 2020-August 2020
Team Member
- Interpret data to be published in academic paper which was then published
- Perform corrosion monitoring on bolted systems using piezoceramic sensors
- Process data using LabView for analytics

PROJECTS

SMA-EAT Texas A&M University   August 2021- Present
Member of a group of 3 - Team Leader
- Overview: Integration of software to analyze, plot, and establish relationship from data collected from smart materials analysis
- Primary Front-End Developer/Web Designer using Python

HONORS

Defense Cyber Leader Development Program, *Recipient*	September 2021
Undergraduate Research Fellows Program, *Recipient*	August 2021
Co-Author Research Paper in Springer Journal, *Co-Author*	May 2020
International Science Fair, *Recipient*	May 2019
Grand Award for Houston Science Fair, *Recipient*	February 2019