

## OBJECTIVE

---

Motivated graduate from Texas A&M University pursuing a career in the fields of Electronic Systems Engineering Technology, Network Engineering, Cybersecurity, or Engineering Project Management.

## EDUCATION

---

**Texas A&M University**, College Station, Texas

**Fall 2018 – Fall 2023**

- Bachelor of Science in Electronic Systems Engineering Technology
- Minors in Cybersecurity and Engineering Project Management

GPA: 3.111

## RELEVANT EXPERIENCE

---

- Digital Systems Design, Circuit Analysis, Embedded Systems Software Development, Program Design, Microcontroller Architecture, Power Systems & Circuit Applications, Local Metropolitan Area Networking, Engineering Leadership, Product Development, Digital & Analog Electronics, Electromagnetic & High Frequency Systems, Network Systems Security, Network Cybersecurity Mitigation Strategies, Engineering Project Development & Critical Path Analysis Scheduling.
- **Certifications:**
  - Defense Counterintelligence & Security Agency: Operational Security Awareness
  - Lean Six Sigma Yellow Belt
  - CodePath Cybersecurity
  - Aggie Ninja
  - American College of Surgeons Committee on Trauma: Stop the Bleed Safety Training
- **Organizations:**
  - Texas A&M Cybersecurity Club
  - Texas A&M Blockchain Club
  - Texas A&M Cisco Academy
  - W5AC Amateur Radio Club
  - Institute of Electrical & Electronics Engineers (IEEE)

## SKILLS AND ABILITIES

---

- **Programming Languages:** Python, C, C++, Verilog, ARM Assembly
- **Software:** Multisim, LabVIEW, Cisco Packet Tracer, Microsoft Office
- **Hardware:** Circuit Analysis, Breadboarding, Antennas, Soldering, Robotics
- **Soft Skills:** Detail-Oriented, Passionate, Collaborative, Creative Problem Solver

## PROJECTS

---

- **Lunar Surface Positioning System:** Designed and prototyped a GPS alternative for NASA & T STAR
  - **College of Engineering Virtual Project Showcase:** Infrastructure Industry Sector Winner
- **Binary Keyboard:** Designed and implemented an 8-bit keyboard with breadboarding and assembly code.
- **Command Line Interface:** Programmed encrypted socket communications.
- **Intrusion Detection System:** Implemented machine learning algorithms to detect malicious packets.

## EMPLOYMENT

---

### **Project Coordinator/Warehouse Associate:**

*Wholesale Electric Supply Co, Houston, TX*

2024 - Present

- Estonian Solar Project with Primoris Renewable Energy in Cooper, Texas
- Swift Air Solar Project with Primoris Renewable Energy in Odessa, Texas
- GulfStar Solar Project with Primoris Renewable Energy in Wharton, Texas

### **Martial Arts Instructor:**

*University of Sidekicks, College Station, TX*

2018 - 2022

*Premier Martial Arts, League City, TX*

2017 - 2019

- Black Belt Master Candidate (July 2025) with state and world championship titles

## REFERENCES

---

<https://www.linkedin.com/in/dylan-muecke-9725ab230/>

<https://github.com/dylan-muecke>