Dylan Garrett Muecke

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806 Ginger St. Santa Fe, TX 77517

OBJECTIVE

Motivated graduate from Texas A&M University persuing 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   GPA: 3.111
- Minors in Cybersecurity and Engineering Project Management

RELEVENT 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
- *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