Grayson Riffe
Electrical Systems Engineering Student

Contact

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Arlington, TX

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Education

Texas A&M University

College Station, TX

Pursuing a BS

in Electric Systems Engineering

Technology (ESET)

GPA – 3.816

Est. Graduation – Fall 2026

Key Skills

- Comprehensive understanding of electronic systems, from hardware to software
- Competent in designing electrical circuits
- Learned in PCB layout and soldering
- Adept in benchtop instrumentation equipment operation
- Familiar with many MCUs (ESP32, MSP430, STM32, Nordic)
- Systems and application programming
- C/C++, Java, Python, HTML, CSS, JavaScript
- Proficient in Visual Studio, CMake, Git, office software
- Accomplished in computer networking
- Practiced in rasterized computer graphics
- Extensive Windows and Linux knowledge

- Reliable and punctual
- Natural team leader
- Unrelenting, motivated work ethic

Profile

Engineer with a wide background in electrical engineering, software, and IT. Years of tinkering experience with software and hardware, fueled by the ever-important skill of problem solving. Currently a full-time student with 2 part-time jobs. Interested in the semiconductor industry. Certified IT technician. Open to work in Texas.

Work Experience

Jan. 2026 – Present

Teaching Assistant (ESET 352) • Texas A&M University – College Station, TX

- Electronics Testing I - Laboratory technician and lab evaluation roles
- Extensive Teradyne ETS 364/88 tester knowledge
- Write / rewrite lab manuals with necessary theory for students to achieve lab goals.
- Troubleshoot laboratory issues (common in this course!).
- Evaluate student's labs in weekly "demo" times.
- Give weekly presentations to students on technical topics.

May. 2023 – Present

Server • BJ's Restaurant and Brewhouse – Arlington and College Station, TX

- Play a part of the team, about 15 hours a week even while being a full-time university student.
- Reliable to be called upon when needed (e.g., sudden guest influx and weekly discount days).

Oct. 2021 – Aug. 2022

Server • Chili's (Brinker International) – Arlington, TX

- Ensured beyond satisfactory customer experience in even the busiest of times.
- Thrived by cooperating with a team, both in front and behind the scenes.

June 2021 – Aug. 2021

Information Technology Assistant • Hamer Enterprises – Fort Worth, TX

- Assisted an IT Specialist with the installation of an IBM server system over several days.
- Restored and optimized a demo kiosk intended for presentations.
- Successfully inventoried the equipment of an entire office.

Honors and Certifications

- McFadden Scholarship – Awarded Aug. 2022
  - From the TAMU Scholarship Handbook: "McFadden Scholarships are offered to the most competitive students who are residents of Dallas or Tarrant counties based on academic and co-curricular achievement."
- CompTIA A+ – Verification Code X8FH0WJ63F44QCS1

Personal Projects

- Vibrating Alarm Clock – Silent alarm for the hard-of-hearing
- Don't Skip Leg Day – Difficult co-op video game
- Nothin' Fancy – 3D game engine
- WinChat – Instant messaging app
- Mainspring – Simple timekeeper

Hobbies and Interests

- Learning a variety of technologies such as logic families and Vulkan
- Maintaining my portfolio website and Gitea
- Reading Wikipedia and technical books (No, really!)
- Playing all kinds of video games!