ADEN TESSMAN

📞 +1 (682) 999-5012 ✉ artessman03@gmail.com
🔗 linkedin.com/in/aden-tessman ⦿ github.com/artessman

Post-Secondary and Career Goals

My primary career goal is to pursue a position as a Cybersecurity Architect or Artificial Intelligence Engineer. I plan to deepen my knowledge in both fields through targeted coursework and hands-on projects, focusing on network security, threat analysis, and machine learning. By gaining practical experience through internships, I aim to develop innovative solutions that protect sensitive data while ensuring compliance with industry standards. I envision integrating AI with cybersecurity to enhance system resilience against evolving threats. Ultimately, I aspire to lead advancements that contribute to a safer digital landscape.

Education

Tarleton State University   **2022 − 2026**
Pursuing Bachelor of Science, Computer Science (Software Engineering)
Tarleton State University   **2022 − 2026**
Pursuing Bachelor of Science, Cybersecurity

Achievements

- President's List (2022-present)
- Valedictorian, Class of 2022 (Rio Vista High School)
- Buddy Bostick Foundation Scholarship Recipient
- Marti Foundation Scholarship Recipient

Projects

Analysis of BERT Models for Phishing Detection   **Summer 2024 − Present**
Tarleton State University   *Supervisor: Dr. Thejas Gubbi Sadashiva, Dept. CSEE*

- Project Title: Smarter Sampling for Safer Inboxes: Enhancing Phishing Email Detection with DistilBert
- Role: Head Researcher/ Team Lead
- Implementing and comparing multiple sampling methods, including oversampling, undersampling, SMOTE, ADASYN, and K-SMOTE, to optimize model performance and mitigate class imbalance.

Machine Intelligence and Security Research Lab   **2023 − Present**
Tarleton State University   *Supervisor: Dr. Thejas Gubbi Sadashiva, Dept. CSEE*

- Utilized advanced techniques such as statistical modeling, data analysis, and software like Python
- Collaborated with peers to develop comprehensive documentation of methodologies and findings, enhancing knowledge sharing and reproducibility of results.

Previous Work Experience

Therapy Tech   **2020− Present**
201 N Ridgeway Dr, Cleburne, TX 76033   *(817) 641-9700*

- Developed strong time management skills by effectively prioritizing and engaging with multiple patients simultaneously
- Demonstrated flexibility in responding to client needs, reflecting an ability to quickly learn new technologies and adjust to changing treatment requirements.

Lab Instructor   **2025− Present**
207 St Peter St, Stephenville, TX 76401   *(254) 960-9863*

- Instructed undergraduate students in hands-on laboratory sessions, reinforcing lecture concepts through practical application.
- Evaluated lab assignments, projects, and quizzes, providing detailed feedback to help students improve technical proficiency.
- Utilized tools such as C and MSSQL to demonstrate real-world DBMS concepts and applications.

Research Showcase

RIED Research Symposium 2025   **March 4th− 2025**
Tarleton State University, Stephenville, TX, 76402

- Project Title: Smarter Sampling for Safer Inboxes: Enhancing Phishing Email Detection with DistilBert

MCOE Student Project Showcase 2025   **May 2nd− 2025**
Tarleton State University, Stephenville, TX, 76402

- Project Title: Smarter Sampling for Safer Inboxes: Enhancing Phishing Email Detection with DistilBert

Languages and OS

- Operating Systems: Windows 10, Windows 11, Ubuntu, CentOS
- Languages: C, C++, Java, Python, SQL, JavaScript