

Arik Rahman

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Education

Texas A&M University, College of Engineering - Electronic Systems Engineering Technology Aug 2021 – Dec 2025

- Minor in Cybersecurity, seeking Service for Scholarship (SFS).
- CLDP cohort member (Senior Military College DoD Cyber Leader Development Program).
- VICEROY recipient (National cybersecurity program).

Experience

TEES Cybersecurity Center, Research Assistant College Station, TX
June 2022 – May 2024
2 years

- Orchestrated automated dynamic analysis in Xen Orchestrated operating systems.
- Developed in-house scientific gateway with public-facing API hosted at the Texas A&M Cyber Range.
- Collaborated with a small team on GitHub using a Scrum workflow.
- Processed thousands of malware samples for dynamic analysis.

Association of Former Students, Aggie Network Ambassador College Station, TX
Aug 2022 – Jan 2023
6 months

- Developed soft skills such as rapport-building and effective communication.
- Connected with hundreds of former students.

Texas A&M Dept. of Computer Science & Engineering, Teaching Assistant College Station, TX
Sept 2023 – Dec 2023
4 months

- Responsible for instruction of C++ to hundreds of computer science students.
- Checked students' work and planned effective instruction.

AI Integrated mmWave Weapon Scanner, Software Engineer Jan 2025 – Dec 2025
1 year

Matlab, TI mmWave Studio

- Built a holistic security apparatus consisting of a gantry system and proprietary TI mmWave sensors.
- Synchronized a controls system with an ML-assisted heatmap generation framework.

Title-Close, Software Engineer June 2023 – Aug 2023
3 months

.NET, MySQL, Flutter, Dart

- Created a responsive website for a title closing company.
- Created a corresponding app via WebView and published to the App Store.
- Secured connection between gateway and the database.

Phantom Invent, Software Engineer Dec 2023 – Dec 2023
1 month

ITN Upgrade (CAD)

- Addressed high power draw from an integrated tactical network (ITN) reducing armored corps battery life.
- Worked alongside military professionals to deliver a winning product.

Activities & Societies

CLDP Sept 2023 - Fall 2024

Cyber Leader Development Program

- Selected for a limited cohort of 20 to pursue cybersecurity initiatives (for example DEFCON, Security+).
- Pursued DoD-8570 certifications and coursework to prepare for federal placement.

DEEP

Jan 2023 – Aug 2025

Discovery, Exploration, and Enjoyment of Physics

- Demonstrated spring oscillation without springs; learned CAD to design the physical demonstration.
- Replicated signal manipulation on NFC and sub-GHz spectrums and jammed Bluetooth communications.

Technical Skills

- **Coursework:** Data Structures and Algorithms, Electromagnetics in High Frequency Systems, Advanced Network Systems and Security, Control Systems, IoT.
- **Certifications:** AWS Cloud-Practitioner CLF-C02, [CompTIA Security+ SY0-701](#)
- **Languages:** Matlab, Java/Clojure, Python, SQL, Org, Dart, Nix, Lisp; English (SAT 760/800).
- **Dev Tools:** Emacs, Linux (NixOS), Syncthing, Git.