

# Arik Rahman

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## Education

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

- Jan 2025 – Dec 2025 **Software Engineer**, AI Integrated mmWave Weapon Scanner  
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.
- June 2024 – Aug 2024 **Software Engineer**, Title-Close  
.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.
- June 2022 – May 2024 **Threat Analyst**, TEES Cybersecurity Center – College Station, TX
- 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.
- Aug 2022 – Jan 2023 **Aggie Network Ambassador**, Association of Former Students – College Station, TX
- Developed soft skills such as rapport-building and effective communication.
  - Connected with hundreds of former students.
- Sept 2023 – Dec 2023 **Teaching Assistant**, Texas A&M Dept. of Computer Science & Engineering – College Station, TX
- Responsible for instruction of C++ to hundreds of computer science students.
  - Checked students' work and planned effective instruction.
- Dec 2023 – Dec 2023 **Software Engineer**, Phantom Invent  
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.

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## Activities & Societies

Sept 2023 - Fall 2024 **CLDP**

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.

Jan 2023 – Aug 2025 **DEEP**

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.

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## 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.