

# Arik Rahman

 (832) 709-3931

 arik@tamu.edu

 arikrahman

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## Education

<b>Texas A&amp;M University</b> , College of Engineering - Electronic Systems Engineering Technology	Aug 2021 – Dec 2025
<ul style="list-style-type: none"> <li>Minor in Cybersecurity, seeking Service for Scholarship (SFS).</li> <li>CLDP cohort member (Senior Military College DoD Cyber Leader Development Program).</li> <li>VICEROY recipient (National cybersecurity program).</li> </ul>	

## Experience

<b>TEES Cybersecurity Center</b> , Research Assistant	College Station, TX
<ul style="list-style-type: none"> <li>Orchestrated automated dynamic analysis in Xen Orchestrated operating systems.</li> <li>Developed in-house scientific gateway with public-facing API hosted at the Texas A&amp;M Cyber Range.</li> <li>Collaborated with a small team on GitHub using a Scrum workflow.</li> <li>Processed thousands of malware samples for dynamic analysis.</li> </ul>	June 2022 – May 2024 2 years
<b>Association of Former Students</b> , Aggie Network Ambassador	
<ul style="list-style-type: none"> <li>Developed soft skills such as rapport-building and effective communication.</li> <li>Connected with hundreds of former students.</li> </ul>	College Station, TX Aug 2022 – Jan 2023 6 months
<b>Texas A&amp;M Dept. of Computer Science &amp; Engineering</b> , Teaching Assistant	
<ul style="list-style-type: none"> <li>Responsible for instruction of C++ to hundreds of computer science students.</li> <li>Checked students' work and planned effective instruction.</li> </ul>	College Station, TX Sept 2023 – Dec 2023 4 months
<b>AI Integrated mmWave Weapon Scanner</b> , Software Engineer	
Matlab, TI mmWave Studio	Jan 2025 – Dec 2025 1 year
<ul style="list-style-type: none"> <li>Built a holistic security apparatus consisting of a gantry system and proprietary TI mmWave sensors.</li> <li>Synchronized a controls system with an ML-assisted heatmap generation framework.</li> </ul>	
<b>Title-Close</b> , Software Engineer	
.NET, MySQL, Flutter, Dart	June 2023 – Aug 2023 3 months
<ul style="list-style-type: none"> <li>Created a responsive website for a title closing company.</li> <li>Created a corresponding app via WebView and published to the App Store.</li> <li>Secured connection between gateway and the database.</li> </ul>	
<b>Phantom Invent</b> , Software Engineer	
ITN Upgrade (CAD)	Dec 2023 – Dec 2023 1 month
<ul style="list-style-type: none"> <li>Addressed high power draw from an integrated tactical network (ITN) reducing armored corps battery life.</li> <li>Worked alongside military professionals to deliver a winning product.</li> </ul>	

## Activities & Societies

<b>CLDP</b>	Sept 2023 - Fall 2024
<b>Cyber Leader Development Program</b>	
<ul style="list-style-type: none"> <li>Selected for a limited cohort of 20 to pursue cybersecurity initiatives (for example DEFCON, Security+).</li> <li>Pursued DoD-8570 certifications and coursework to prepare for federal placement.</li> </ul>	

**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** 

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- **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.