

GILBERT I. GUZMAN

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EDUCATION

- **The University of Texas at El Paso [UTEP]** **Graduation: 05/2025**
GPA: 3.25/4.00
Bachelor of Science in Computer Science || Concentration in Secure Cyber Systems
 - **Relevant Coursework:** Software Engineering Requirements I & II [Eng. / Des. & Imp.], Software Reverse Engineering, Software Vulnerabilities, Computer Security, Computer Networks, Wireless Networks.

HONORS & CERTIFICATIONS

- **Honors**
 - First Place & Most Innovative Award [2025 Borderland Glitch Game Jam], April 2025.
 - First Place [Terminator: Hackathon/Capture the Flag], November 2024.
 - Most Technical Award [2024 Borderland Glitch Game Jam], April 2024.
- **Certifications**
 - AWS Cloud Support, Summer 2024.
 - Google Cybersecurity Professional, Summer 2024.
 - Google IT Support Professional, Summer 2024.

WORK EXPERIENCE

- **Engineering Ambassador/ACES Associate** **08/2024-06/2025**
El Paso, TX
The University of Texas at El Paso [UTEP]
 - Educated and recruited 4,500+ students during various K-12 outreach initiatives such as the First Lego League [FLL], First Tech Challenge [FTC], and traveling to in-person tabling events designed to inspire students to pursue careers in engineering.
 - Personally composed and deployed custom scoring and leaderboard software used during the official El Paso FIRST® LEGO® League Explore Festival held at UTEP in January 2025. Granted logistical support for over 300 students in over 20+ robotics teams.
 - Provided tutoring services to undergraduate students who visited the ACES office in the field of Computer Science.
- **Analytical Mentorship Program** **09/2024-02/2025**
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 - Selected for highly competitive government program, one of 10 selected, additional details only available upon request.
 - Received hands-on training & collaborated with senior staff to enhance analytical capabilities through specialized modules.
 - Penned & recited real-world project reports in BLUF [Bottom Line Up Front] communication style on par with work done by real world intelligence analysts.

TECHNICAL PROJECTS

- **MAVERICK [Personal Project/Hackathon]** **Won Most Technical Award**
 - Collaborated alongside members of the Atlas Development team to develop an indie arcade-style shooter game in under 48 hours.
 - This game was programmed in C# using the Unity Engine for gameplay & Adobe Creative Suite was leveraged for art asset creation.
 - Created during the 2024 Borderland Glitch Game Jam, with the prompt of making a game based on a Movie/T.V. Show released during the 1980's. [Top Gun was Chosen].
- **Fallen-Empire [Coursework Project]** **Fulfilled Role: Team Leader**
 - Led research project discussing PowerShell-Empire, a now deprecated open-source post-exploitation agent formally listed on the Microsoft Security Intelligence database as a threat due to its command-&-control [C2] capabilities.
 - Presented to educate a dual-listed class of 35+ students on various tools that could “assess resilience of systems against cyber threats”.
 - Generated installation tutorial, video walkthrough, multiple informational PowerPoints, & a formal class exercise that students could perform using PowerShell scripts, Kali Linux, & Windows 7 Virtual Machine to gain experience using PowerShell-Empire.
- **INFILTR8 [Coursework Project]** **Fulfilled Role: Team Leader**
 - Now completed two-semester capstone project, in which students worked with DEVCOM, a civilian contractor for the Department of Defense, deployed final software to customer [2 months] ahead of schedule.
 - Captured & clarified details for a “Software Requirements Specification” [SRS] document for INFILTR8, a real-world application with an emphasis on machine learning, completed in Fall 2024.
 - Due to exemplary project performance, the team was granted the privilege of exempting the final exam.

SKILLS

- **Programming Languages:** Python, Java, C, C++, C#, JavaScript, x86 Assembly, Ruby, Scala, React, Markdown, HTML, CSS, & LaTeX.
- **Machine Learning & AI:** Basic ML, TensorFlow, & Data Visualization with Matplotlib.
- **Networking & Security:** Wireshark Analysis, TCP/IP, DNS, DDoS Analysis, Networking/Subnetting, & Penetration Testing.
- **Cybersecurity Tools/Reverse Engineering:** Ghidra, IDA Pro, DShell, Metasploit, & PowerShell-Empire.
- **Infrastructure & Database Management:** IT Support, Kali Linux, Windows 10/11, Ubuntu, AWS, MySQL, & Microsoft SQL Server.
- **Analytical Writing & Presentation:** BLUF Writing Style, Microsoft Office 365, & Adobe Creative Suite.