

Gilbert I. Guzman

(915) 202-4744 || azaze7.github@gmail.com || El Paso, TX [Willing to Relocate] || <https://github.com/Azaze7>

EDUCATION

The University of Texas at El Paso (UTEP)

Bachelor of Science in Computer Science ||

Concentration in Secure Cyber Systems

Expected Graduation: 05/2025

GPA: 3.23/4.00

Honors & Certifications:

- Google Cybersecurity Professional, Summer 2024
- Google IT Support Professional, Summer 2024
- AWS Cloud Support, Summer 2024

- UTEP Hackathon/CTF “Terminator” – [1st Place], Fall 2024

Relevant Coursework:

- Software Engineering Requirements I & II [Eng. / Des. & Imp.]
- Software Reverse Engineering
- Software Vulnerabilities

- Computer Security
- Computer Networks
- Wireless Networks

LEADERSHIP EXPERIENCE

Engineering Ambassador/ACES Associate

The University of Texas at El Paso (UTEP)

08/2024 – Present

El Paso, TX

- **Educated & recruited 4,500+ students** during various **K-12 outreach initiatives** such as the *First Lego League* [FLL], *First Tech Challenge* [FTC], & traveling to *in-person tabling events* designed to inspire students to pursue careers in engineering.
- **Personally composed & 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.

Analytic Mentorship Program

The University of Texas at El Paso (UTEP)

09/2024 – 02/2025

El Paso, TX

- 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**.
- **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.
- **Programmed vertical slice prototype** with team in first semester after mapping out the necessary functionality needed for INFILTR8.
- **Developed & deployed final version** in second semester, delivering it to the customer **[2 months] ahead of schedule**.
- Due to **exemplary project performance**, the team was granted the privilege of *exempting the final exam*.
 - **Additional personal & coursework projects are available to view on my GitHub.** [<https://github.com/Azaze7>]

SKILLS

Programming Languages

- Proficient in Python & Java. [5 Years].
- Intermediate experience in C, C++, C#, & JavaScript. [3 - 4 Years].
- Beginner Experience in HTML5, CSS3, x86 Assembly, Ruby, Scala, Markdown, & React. [6 Months - 2 Years]

Machine Learning & AI

- Basic understanding of ML using Python libraries such as TensorFlow.
- Visualize data using libraries. [Matplotlib]

Networking & Security

- Knowledgeable in TCP/IP & DNS.
- Experienced in analyzing DDoS attacks & penetration testing of offensive networks. [Wireshark Analysis].

Cybersecurity Tools/Reverse Engineering

- Experienced in using reverse engineering tools such as Ghidra, IDA Pro, DShell, Metasploit, & PowerShell-Empire.
- Experienced in analyzing & modifying code to find exploits.

Database Management

- Moderate skills in using MySQL & Microsoft SQL Server Suites for database management.

Analytical Problem Solving/Documentation

- Proficient in creating comprehensive documentation, including thesis & BLUF statements, that succinctly convey essential information to teammates and stakeholders.