

Gilbert Isael Guzman

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EDUCATION

The University of Texas at El Paso

GPA: 3.22

☐ Bachelor of Science in Computer Science || Concentration in Secure Cyber Systems

Anticipated Graduation: May 2025

RELEVANT COURSEWORK

- ☐ **Software Engineering Requirements I [CS 4310].** **[Fulfilled Role: Team Leader || Grade: A].**
  - First semester of a two-semester CAPSTONE project in which students worked with DEVCOM, a civilian contractor for the Department of Defense.
  - Captured and clarified details for a "Software Requirements Specification" (SRS) document for INFILTR8, a real-world application with emphasis on machine learning, to be completed in Fall 2024.
- ☐ **Software Vulnerabilities [CS 4177 || Grade: A].**☐ **Adv. Obj. Oriented Programming [CS 3331 || Grade A].**☐ **Database Systems [CS 4342 || Grade: A].**☐ **Computer Networks [CS 4316 || Grade A].**☐ **Operating Systems Concepts [CS 4375 || Grade: A].**☐ **Wireless Networks [CS 4318 || Grade B].**

PROJECTS

- ☐ **MAVERICK. [Personal Project/Hackathon].** **[Won: \*Most Technical Award\*]**
  - Worked alongside members of the Atlas Development team to develop an indie arcade-style shooter game in under 48 hours.
  - 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].
- ☐ **Fallen-Empire. [Coursework Project].**
  - Worked as Team Leader to lead research about PowerShell-Empire, a now deprecated open-source post-exploitation agent to "assess resilience of systems against cyber threats."
  - Created installation tutorial, video walkthrough, multiple PowerPoints & a formal class exercise that students could perform with a Kali Linux and Windows 7 Virtual Machine.
- ☐ *Additional Personal & Coursework Projects are available to view on my GitHub. [https://github.com/Azaze7]*

SKILLS

- ☐ **Programming Languages**
  - Proficient in Python. [5 Years].
  - Intermediate Experience in C, C++, C#, and Java. [3 - 4 Years].
  - Beginner Experience in JavaScript, HTML5, CSS3, RISC-V Assembly, Ruby, Scala, Markdown, & React. [6 Months - 2 Years]
- ☐ **Networking & Security**
  - Knowledgeable in TCP/IP & DNS.
  - Experienced in Analyzing DDoS attacks and Penetration Testing of offensive networks. (Wireshark Analysis).
- ☐ **Machine Learning & AI**
  - Basic understanding of ML using Python libraries such as TensorFlow.
- ☐ **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 and Microsoft SQL Server Suites for database management.
- ☐ **Problem Solving**
  - Strong analytical & troubleshooting skills.
  - I have solved many code-related problems on a multitude of projects, experienced in writing & optimizing solutions.
- ☐ **Leadership & Teamwork**
  - Enjoy taking a leadership role when it is appropriate to, have acted as team leader in multiple projects while enrolled at UTEP.
  - Always try to keep the peace between members via coordination and fair division of labor.
  - Protect and support my team members so they can work happily and efficiently.