

Matthew Richard Herrera

512, Eberhart Lane Unit 604

Austin, TX, 78745

(361)249-2827

herrera.matthewr@gmail.com

matthewherrera.com

EDUCATION

TEXAS A&M UNIVERSITY CORPUS CHRISTI

Corpus Christi, TX

Bachelor of Science in Computer Science, Systems Programming (May 2023)

Related Coursework: Computer Networks, Digital Forensics, Cyber Security, Algorithms, Operating Sys

RELEVANT SKILLS

Languages: English (fluent), Spanish (intermediate)

Software: C, C++, C#, Java, JavaScript, HTML, CSS, Python, R, Microsoft (Excel, Word, PowerPoint)

Platforms: Linux, macOS, Windows, VMware

Technologies: Microsoft SQL, Rest APIs, Git

WORK EXPERIENCE

Target

Corpus Christi, TX

Team Member

June 2020 – Now

- Implemented professionalism and de-escalation skills to ensure customer satisfaction.
- Looked after decorative home area. Restocked and took inventory.
- Monitored online order system and fulfilled time-limited online orders.
- Aided other team members and trained new employees.
- Worked with retail device (Zebra). Helps with inventory management.

Amazon Web Service Job Simulation

Corpus Christi, TX

Architect

September 2023

- Analyzed best route for client to take in migrating data to AWS.
- Chose Elastic Beanstalk approach for compatibility and scalability.
- Explained architecture and need of each component for setup.

RELATED PROJECTS

Texas A&M University Corpus Christi TX – Senior Capstone Project

Corpus Christi, TX

Programmer/Gameplay Designer

Feb 2023 – April 2023

- Integrated fundamental gameplay functions like walking, attacking, picking up health, etc.
- Created game environment for player character.
- Created functionality for enemy AI and aided in enemy design.
- Created functionality for traps (timed, movable, and instant death trap).
- Closely adhered to Agile development cycle with three-man team.

Texas A&M University Corpus Christi – Red Teaming ChatGPT

Corpus Christi, TX

Penetration Tester

Feb 2023 – May 2023

- Worked in four-man team to test for faults in OpenAI's language model.
- Faults included inaccurate geographical information for end user and poor judgment of model.
- Simulated phishing attack. Generated fake social media site, with RESTful api to capture user data.
- Interesting find: spotted OpenAI red team's attempt to patch offensive programming query to calculate ideal citizen. Parameters based on age, race, and gender.

REFERENCES

References available upon request.