Jayden Palacios

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OBJECTIVE

I am excited to start my career in the field of information technology and cybersecurity. With a solid foundation gained through academic studies, I am seeking a position where I can apply my knowledge in a practical setting.

EDUCATION

The University of Texas at San Antonio (UTSA)   Completed May 2024

Bachelor of Science in Computer Science (SWE, D.S)   Major GPA: 3.76 Cumulative GPA: 3.50

- UTSA Dean's list (Fall '22)

Relevant Courses

- Deep Learning
- Data Science
- Software & Malware Reverse Engineering
- Secure Software. Dev. And Analysis

TECHNICAL SKILLS

Computer Skillss

- **Languages** – C, Java, Assembly x86, Python, PowerShell, JavaScript
- **Software**/OS – IDA pro, Ghidra, Wireshark, OWASP ZAP, Burp Suite, Windows,Linux, macOS
- **Certificates –** CompTIA Security+
- **Developer Tools** – Linux, Git, Visual Studio, VIM, Eclipse, Android Studio

PROJECTS

Proposal of a Malware Classifier Research Paper   Jan 2024 - present

- Proposed a model to classify Portable Executable files as malicious or benign using deep learning and data science techniques

Maltoy Reverse Engineering Project – UTSA   Feb 2023

- Reverse engineered a fake malware sample written in x86 assembly language using IDA pro to determine its behavior and impact on a user's system

Traffic Simulator (C) – UTSA   Dec 2022

- Simulated a traffic network using time steps and a multitude of data structures including Priority Queues, Graphs, linked lists, and hash tables - [Link to Github repository.]

Chess Bot – Personal   Aug 2022

- Artificial Chess agent made in python leveraging machine learning using the minmax algorithm to find the best move for a given player and chessboard state - [Link to Github repository.]

EXPERIENCE

Student Assistant   Nov 2023 – present

School of Data Science, San Pedro I (UTSA)

- Facilitated the setup and execution of professional conferences and events
- Worked with other students and University leadership to maintain the building
- Assisted leadership with administrative tasks

Lead Server   Mar 2019 – Jan 2022

Main Event Entertainment, San Antonio, TX

- Served guests food and drink and accommodated their needs in a fast-paced work environment
- Trained new employees and helped with administrative duties like scheduling and supply orders

EXTRACURRICULAR ACTIVITIES

Industrial Control Systems Capture the Flag   March 2024

- Tied 4th place overall and tied 1st place as a solo competitor
- created solutions for incident response scenarios and digital forensics involving cyber-attacks on critical infrastructure using tools like nmap, volatility, Wireshark, etc.
- Hosted by Idaho National Laboratory, CYMANII, CISA

The Association for Computing Machinery (ICP), UTSA   Fall 2022 – Spring 2023

- Member of the ICP competitive programming club within ACM at UTSA