

Antonio Mendoza

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EXPERIENCE

UGA Directed Study

Athens, GA

Researcher

August 2024 – December 2024

- Used Pytorch and Tensor Flow to replicate gradient inversion attack and find ways to protect systems from this attack method.
- Trained convolutional neural network to find effective ways to prevent adversaries from gaining knowledge of gradients

Zivaro

Denver, CO

Cybersecurity Intern

June 3, 2024 – August 16, 2024

- Training in SPLUNK with supervisor and shadowed other cybersecurity engineers.
- Created a dashboard to visualize activity across Duo Authentication app that highlighted security anomalies such as foreign login attempts and IP addresses with unknown locations.
- Training in SentinelOne to investigate mitigated threats and classify true positives or false positives.
- Multiple large presentation in front of administrative staff to explain my projects and problem-solving processes that lead to any conclusions regarding data.

KnowAthens

Athens, GA

Web Development Intern

February 2023 – May 2023

- Redesigned webpages using Figma and implemented changes using Webflow
- Weekly scrum meetings with senior developer to discuss any difficulties during weekly tasks.

UGA Hacks

Athens, GA

Project Team Member

February 3, 2023 – February 5, 2023

- Worked in a group of 4 to create a website that simulated a pinboard to inspire travel.
- Learned how to use MongoDB to store images and descriptions uploaded by users.
- Used frameworks such as Svelte, JavaScript, React, Node.js to create web app.

EDUCATION

University of Georgia, School of Computing

Athens, GA

Bachelor of Science in Computer Science

January 2022 – Expected December 2024

Georgia State University | Deans List Fall 2020, Spring 2021

Atlanta, GA

Intended Bachelor of Science in Computer Science

August 2020 – December 2021

PROJECTS

Duo Authentication Dashboard | Splunk

- Dashboard had to clearly show authentication activity from users as well as highlighting failed attempts according to the specific user.
- Challenge was creating queries that were efficient and returned data as quickly as possible to catch security threats before exploitations may occur.

Bulldog Buddies | React, Node.js, Firebase

- Full stack web app created by using agile approach to ensure deadlines were met.
- Learned how to properly express my ideas regarding front-end and back-end solutions.
- Challenge of project was fixing merge issues as well as having the web app update in real time.

TECHNICAL SKILLS

- Certifications:** Splunk Core Power User, SentinelOne University
- Programming Languages:** Java, C, Python, JavaScript/TypeScript, HTML/CSS, RISC-V, MATLAB
- Other Languages:** English (Fluent), Spanish (Fluent)
- Skills:** SPLUNK, SentinelOne, Git, Pytorch, Tensor Flow, Microsoft Suite, Notion, Node.js, Machine Learning

INVOLVEMENT

- Intramural Volleyball (August 2024 – Present) | *Member*
- Society of Hispanic Professional Engineers (September 2023 – Present) | *Member*
- First Generation Club (August 2023 – Present) | *Member*
- Hispanic Student Association (January 2022 – Present) | *Member*