

Emelin E. Flores

A cybersecurity and intelligence student looking for opportunities to expand my knowledge on securing our digital environments. Motivated, reliable, and collaborative to find a career in cybersecurity or privacy governance/policy.

Education

Rutgers University - Class of 2021

GPA: 3.2/4.0

Douglass Women's College

B.A, Information Technology & Informatics Minor Critical Intelligence

Experience

Research & Development Council of New Jersey - Governor's Scholar

August 2019 - Present

- Leading 5 high students in researching ways to improve election security by writing a compliance standard on physical and application-level security to be adopted by the state of New Jersey to ensure citizens' votes and data are being protected with transparency, and in line with reasonable practices.

Rutgers Institute for Secure Communities - Intelligence Community Legal Intern

May 2019 - August 2019

- Contributed and improved a data analytics project for the Command, Control, and Interoperability Center for Advanced Data Analysis (CCICADA) in order to create an AI system that analyzes sentencing of natural and manmade threats to better understand policy implementation and protect citizens
- Performed legal research with a team of 5 students to improve the ability of the TSA to screen all passengers in a timely fashion under existing security procedures and protocols while still upholding privacy and data policies

Cisco Systems - Security Solutions Engineer Intern

May 2019 - August 2019

- Analyzed 5 risk assessments of companies and developed strategies to improve current operational infrastructure to support Cisco ISE deployments
- Worked closely with 3 Cisco clients to develop security policy and outline infrastructure remodeling to help clients understand the significance of being compliant and secure
- Hosted an internal tech talk to educate 30 implementation engineers on NIST Cybersecurity Framework to enhance their understanding of why compliance is important to the implementation of Cisco ISE deployments
- Volunteered with Her Spark and Cisco to teach middle school girls about cryptography to encourage the girls to discover a career in cybersecurity

Vintage Vinyl Records - Lead Web Developer + IT Infrastructure Engineer

April 2018 - August 2019

- Performed stress tests for website traffic using Google Pagespeed Mod and Locust io to prepare for days with large website traffic like Record Store Day, Black Friday, and holiday specials
- Reduced the cost of email marketing campaigns by 40% by creating an HTML/CSS template model and switching email providers saving an annual cost of \$2,000
- Developed scripts using python to efficiently automate building pages for new release items and update inventory to reduce the time spent in putting data and creating pages
- Successfully segmented the organization network, enhanced network speed by installing a new router capable of handling more traffic, and created a security policy to ensure PCI compliance and enhance overall security to ensure
- Created new features for the website using PHP and MySQL that includes an option to pick up records in the store and increased foot traffic by 20%, limit the countries to ship to and reduced solicited calls by 80% and create automated update responses on orders being processed, shipped, or ready for in-store pickup to reduce ambiguity with orders

Skills

Network support, helpdesk, IT support, scripting in Python, HTML/CSS, Java, bilingual in Spanish, security risk assessment, compliance standards, networking, security, system administration, mentoring, research, product management, project management, market research, cybersecurity, public policy, West Laws research, legal research

Extracurricular Activities/Awards

Women in Information Technology E-board, Out4 Undergrad Tech Attendee, Out in Tech Cybersecurity Governance Mentee, Out in Tech Product Management Mentee, Douglass Women's College Scholarship, Louis Stokes Alliance for Minority Scholar, International Consortium of Minority Cybersecurity Professional Cybersecurity Governance mentee, Intelligence Community - Center of Academic Excellence (IC CAE) student

Linkedin - <https://www.linkedin.com/in/emeliflores01/>

Website - <https://emeliflores.com>