Emelin E. Flores

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EDUCATION

Rutgers University (Douglass Residential College) – New Brunswick, NJ   January 2021
Bachelor of Arts: Information Technology   Minor: Critical Cyber Intelligence
GPA: **3.4/4.0** (Dean's List: Fall '19, Spring '20, Fall '20)

EXPERIENCE

Geico - *Cybersecurity Engineer*   January 2021 - Present
- Assisting with the upgrade implementations, application support, and network infrastructure of an internal identity governance and access tool

National Institutes of Health - *Civic Digital Fellow* **-** *Privacy & Product Management Fellow*   October 2020 - December 2020
- Developed a detailed policy brief on data sharing consent using the Honest Broker federated analytics, a new implementation for NIH agencies, and provided a technological breakdown of how the Honest Broker works for key stakeholders to understand
- Proposed and drafted a technical document highlighting improvements for the DASH research data repository that includes metadata organization, privacy benchmark metrics, and guidelines for researchers to contribute data efficiently

Google – *Privacy Engineer Intern*   June 2020 – September 2020
- Conducted a privacy investigation to discover potential data leakages between Incognito, Guest, primary, and child test users involving 11 Google products on the same device
- Catalyzed conversations on consistent privacy policies across products that have the same access controls
- Collaborated on the launch of the first privacy engineering training for Google.org and partner organizations to help improve anonymization of personally identifiable information in public datasets

Cisco Systems – *Security Solutions Engineer Intern*   May 2019 – August 2019
- Analyzed security risk assessments of 2 financial companies through in-person consultations and self-assessed surveys to develop strategies to improve current operational infrastructure to support Cisco ISE deployments
- Improved the deployment and the software management processes for Cisco clients looking to segment their network by testing, analyzing, and providing guidance in security policy and implementation
- Facilitated an internal tech talk to 30+ engineers on NIST Cybersecurity Framework to enhance their understanding of policy
- Cross-collaborated with Her Spark and Cisco to increase women representation in cybersecurity by teaching cryptography to 150+ middle schoolers

Vintage Vinyl Records - *WebMaster*   April 2018 - August 2019
- Developed scripts using Python to automate building pages for new release items and update inventory to reduce the time spent inputting data and creating pages
- 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 the overall security posture
- Automated update responses on orders being processed, shipped, or ready for in-store pickup to reduce miscommunication for orders
- Created in-store pick up option on the website using PHP and MySQL that increased foot traffic by 20%

RESEARCH

Research & Development Council of NJ – *Research Lead*   August 2019 – May 2020
- Spearheaded the ideation, technical development, and delivery of an election security product with a team of 5 students to raise election security awareness and lowering the technology cost by 90% of a standard election machine
- Integrated usability studies in collaboration with the New Jersey Department of Homeland Security & Preparedness that identified 12 % of voters have disabilities and made product requirements to enhance voter accessibility

SKILLS

Programming: Python, SQL, Raspberry Pi Hardware Tinkering
Security: Security Assessments, NIST CSF, Consulting, PCI Compliance analysis
Privacy: Privacy Engineering, Privacy Assessments

Leadership: Product management, Public Speaking, Mentorship, Project Management, Market Research
IT: Network Support, Helpdesk Remote Support, Windows/macOS Troubleshooting, Virus Remediation, Printer Troubleshooting