# Cristian J Rivera Santiago

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## OBJETIVE

Computer Science and Engineering student with a background in cybersecurity, eager to secure a challenging and dynamic position in a fast-paced environment. I am committed to my professional development, constantly seeking to expand my knowledge by staying current with emerging technologies and techniques.

## EDUCATION

**University of Puerto Rico at Mayagüez, P.R.**          **Expected Graduation: July 2023**          **B.A. – Computer Science and Engineering**

## EXPERIENCE

**Professional Experience**

- **Security Engineer COOP Abarca Health PBM (May 2022 – December 2022)**
  - Experience with implementing and maintaining various security solutions such as PAM, IDR, IDS, SIEM, email security, and vulnerability management to protect sensitive systems and data, and mitigate various security risks. Additionally, gained experience in networking concepts, remote administration, change management, and encryption technologies to ensure the efficient and effective deployment of new systems while maintaining a high level of security.

**Project Experience**

- **Software Leader in Mayaguez Aero Design Advanced Class Team (May 2021 – December 2022)**
  - Led the development of a fully autonomous airplane for SAE aircraft competitions against over 50 different universities.
- **Team Member of Mayaguez Panda Hat Cybersecurity Competition Team (August 2021 – December 2021)**
  - Achieved 2nd place on GMIS 2021 Hackathon, gaining valuable knowledge and experience in the cybersecurity field, as well as improving teamwork and communication skills.

## SKILLS

**Technical Skills**

- **Programming languages:**
  - Experience with Java, Python, C, Bash, HTML, JavaScript, ReactJS, Angular, TypeScript, SQL
- **Hardware:**
  - Experience with microcontrollers including Arduino, ESPs, Raspberry Pi Picos
  - Experience with microprocessors, specifically Raspberry Pi
- **Networking:**
  - Setup and Configuring home lab with enterprise equipment.
  - Knowledge in Network traffic analysis
  - Experience with network protocols and concepts (TCP/IP, OSI model, etc.)

- **Computer Forensics:**
  - Experience analyzing logs.
  - Knowledge in Malware analysis
  - Familiar with different forensic tools
- **Cybersecurity:**
  - SIEM/Log Analysis
  - AI Powered Pen testing.
  - PAM (Privileged Access Management)
  - Incident Response and Containment
  - Azure AD and Cloud Security
  - Vulnerability Management
  - Risk Management and Governance

## Related Course work

- **CIIC 3015** (Intro to Computer Programming I)
- **CIIC 3075** (Foundations of Computing)
- **CIIC 4010** (Advanced Programming)
- **CIIC 4020** (Data Structures)
- **CIIC 4025** (Algorithm Design and Analysis)
- **CIIC 4030** (Programming Languages)
- **CIIC 4050** (Operating Systems)

- **CIIC 5045** (Automata and Formal Languages)
- **CIIC 4060** (Database Systems)
- **CIIC 4070** (Computer Networks)
- **INSO 4101** (Intro to Software Engineering)
- **CIIC 3081 and CIIC 3082** (Computer Architecture I And II)
- **INEL 3105** (Electrical Systems Analysis I)
- **INEL 4115** (Electrical Measurements Lab)