

Daniel Santiago-Rodríguez

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EDUCATION

**UNIVERSITY OF
PUERTO RICO, RÍO PIEDRAS**
BS IN COMPUTER SCIENCE
Grad. Dec 2016
Dean's List
Cum. GPA: 3.22 / 4.0
Major GPA: 3.60 / 4.0

LINKS

Github: [rarfood](#)
LinkedIn: [Daniel Santiago](#)

COURSEWORK

UNDERGRADUATE

Databases
High Level Languages
Operating Systems
Compilers
Theory of computability
Cyber Security
Networking
Software Reverse Engineering
Discrete Mathematics
Computer Architecture
Software Engineering

SKILLS

PROGRAMMING

Fluent:

Python • Bash

Proficient:

C/C++ • HTML • CSS • PHP

Assembly • JavaScript

Familiar:

Android • MySQL • Django • Flask

GDB • Angular JS • JQuery • Rails

PyGame • OpenSSL • PyCrypto

Metasploit • Ettercap • Burp Suite

Wire Shark • Netcat • Volatility

Hashcat • Arduino • Aircrack

Ruby • Java • Standard ML • \LaTeX

ELECTRONICS

Soldering • Prototyping • Programming
Microcontroller Interfacing

LANGUAGE SKILLS

Fluent:

Spanish • English

EXPERIENCE

UNIVERSITY OF PUERTO RICO, RÍO PIEDRAS CAMPUS | SYSTEM ADMINISTRATOR OF COMPUTER SCIENCE DEPARTMENT

Jan 2016 - Dec 2016 | San Juan, PR

- Server Operating System maintenance (updates and upgrades)
- Software installations (tools, frameworks, etc) on servers and computers
- Computer maintance (OS installation, disk cloning)
- Database management for mysql users
- Account creation and monitoring (create and expire accounts for the students and faculty members)

UNIVERSITY OF PUERTO RICO, RÍO PIEDRAS CAMPUS | INSTRUCTOR FOR ATTACKPR HS SUMMER CAMP

July 2016 | San Juan, PR

- Developed course exercises and taught the material to the students
- Prepared a Capture the Flag competition for high school students
- Taught tools and techniques for security, simple networking, and cyber security theory (terms and definitions, protocols, common practices , etc)

GM SECURITY TECHNOLOGIES | PENETRATION TESTER

Jan 2017 - Present | San Juan, PR

- Internal and external penetration testing
- Penetration testing tool development and research
- Installation and maintenance of penetration testing systems (servers, user endpoints and specialized circuits programing)

RESEARCH

UPRRP RC-LAB | HEAD UNDERGRAD RESEARCH

Jan 2014 - July 2015 | San Juan, PR

Worked with Dr. Rafael Arce Nazario under the ATTACKPR scholarship for cyber security researchers to create S.A.M.S. (a secure Student Attendance Monitoring System), a proof of concept for demonstrating that hard encryption is possible in embedded systems and its limits. Implemented RC4 encryption for Arduino hardware. Developed an arduino shield for numeric keypad and LCD screen.

CERTIFICATIONS

Sep 2018 - Sep 2021 Comptia Security+ Verification: F9T1DYS0686LFBC7

AWARDS

2016	Claude Shannon Scholarship	
2015	Tracerfire Capture the Flag	1 st place
2015	Malware Conference Capture the Flag	2 nd place
2015	CAHSI Conference Capture the Flag	2 nd place
2015	Cyber Security Awareness Week Capture The Flag	
2015	Claude Shannon Scholarship	
2015	ATTACKPR Scholarship	