Bianca Ivelisse Colón-Rosado

Undergraduate Computer Science Student

Contact

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GitHub

github.com/BnkColon

Languages

Native Spanish
Fluent English

Programming

Python ★★★★★
HTML ★★★★
C++ ★★★
SQL ★★★
PHP ★★★
SML ★★
JavaScript ★

Skills

Flask ★★★★
SiLK ★★★★
Web Dev ★★★
Vagrant ★★★
Docker ★★★
git ★★★
AWS ★★
React Native ★

Operating Systems

Linux ★★★★
Mac OS X ★★★★
Windows ★★★

Interests

Software Engineering
Computer Networks
Cybersecurity
QA/Testing
Backend
DevOps

Education

since 2013	**B.S.** Majoring in Computer Science **Graduation Date**: December 2017	University of Puerto Rico-Río Piedras Campus

Experience

2016	**IBM, Atlanta, GA** Summer Internship Automated the QRadar/XGS "Right Click Quarantine".	**Software Test Specialist**
since 2014	**Department of Computer Science** **University of Puerto Rico, Río Piedras** Linux/Unix servers, web-page designer and maintenance.	Employee

Projects

2016	**Cross Scanner** Teamed with a group of 4 work in a assistive technology project that provides a mouse emulation through a simple interruptor for people with disabilities.	
2016	**Prison Fellowship of Puerto Rico Databases** Designed and created the databases for a non-profit organization using Bottle: Python Web Framework and SQLite3.	
2014 - 2016	**Techniques for Anomaly Detection in Network Flows** Research: Implemented the Benford's Law Algorithm in Network Flows trying to find a general method to detect anomalies in network traffic.	bit.ly/bianca-flows

Activities

since 2016	**Techni-Coop** Cooperative with the mission to get high schoolers involved with technology. We give them a real experience of some of our possible works, and they have a computer science undergraduate student as a mentor. That also provides a life experience to the undergraduate student to put into practice the things we learn in classes.	**Co-founder and President**
since 2014	**UPR Cybersecurity Special Interest Group** Inspired research and practice of cybersecurity.	ccom.uprrp.edu/ atackpr/
since 2014	**#include‹girls›** Nonprofit organization in Puerto Rico with the mission of encouraging and supporting women's academic, social and professional development in Computer Science.	includegirls.com/
2015 / 2016	**Women in Cybersecurity at Atlanta, GA 2015/Dallas, TX 2016** Presented Poster: Techniques for Anomaly Detection in Network Flows: Benford's Law Implementation.	csc.tntech.edu
2015	**Computing Alliance of Hispanic-Serving Institutions Conference, San Juan, PR** Presented Poster: Techniques for Anomaly Detection in Network Flows.	cahsi.cs.utep.edu/cahsisummit