# **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 <br> **Graduation Date**: May 2018 | University of Puerto Rico-Río Piedras Campus |

## Experience

**2016 — IBM, Atlanta, GA — Software Test Specialist Intern**
Implemented a feature on a system administrator tool to automate the process of adding a malicious server to quarantine to protect the network.

**since 2014 — Department of Computer Science**
**University of Puerto Rico, Río Piedras — Employee**
Managed and maintained Linux/Unix servers and designed and maintained the computer science department web page.

## Projects

**2016 — Cross Scanner**
Team project, to work in a assistive technology solution 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** — bit.ly/bianca-flows
Research: Implemented the Benford's Law Algorithm in Network Flows trying to find a general method to detect anomalies in network traffic.

## Activities

**since 2016 — Techni-Coop**
Co-founder and president of a cooperative with the mission to get high schoolers involved with technology, providing an undergraduate student as a mentor. The purpose is to give a real work experience of computer science.

**since 2014 — UPR Cybersecurity Special Interest Group** — ccom.uprrp.edu/ atackpr/
Participate in cybersecurity conferences, competitions, challenges and research.

**since 2014 — #include⟨girls⟩** — includegirls.com/
Encourage and support women's academic, social and professional development in Computer Science.

**2015 / 2016 — Women in Cybersecurity at Atlanta, GA 2015/Dallas, TX 2016** csc.tntech.edu
Presented Poster: Techniques for Anomaly Detection in Network Flows: Benford's Law Implementation.

**2015 — Computing Alliance of Hispanic-Serving Institutions Conference, San Juan, PR** — cahsi.cs.utep.edu/cahsisummit
Presented Poster: Techniques for Anomaly Detection in Network Flows.