Bianca Ivelisse Colón-Rosado
Undergraduate Computer Science Student

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GitHub
github.com/BnkColon

Languages
Native Spanish
Fluent English

Programming
Most experienced with Python, SQL and C++.
Some experience with PHP, Ruby, Unix Shell and SML. **Exposure** to JavaScript.

Skills
Most experienced with HTML, Flask, SiLK and git.
Some experience with Vagrant, Ansible, Rails, Docker and Web Development.
Exposure to AWS and React Native.

Operating Systems
Most experienced with Linux and Mac OS X.
Some experience with Windows.

Interests
Software Engineering
Computer Networks
Cybersecurity
Data Science
Backend
DevOps

Education

since 2013	**B.S.** Majoring in Computer Science **Graduation Date**: June 2018	University of Puerto Rico-Río Piedras Campus

Experience

2017	**TaskRabbit, San Francisco, CA**	**Software Engineer**
	Internship: Introduction to Data Science, Front-End, Web Development and DevOps using current technologies such as Rails, Ansible and Python.	
2016	**IBM, Atlanta, GA**	**Software Test Specialist**
	Internship: 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**	**CS Department Assitant**
	Managed and maintained Linux/Unix servers and designed and maintained the computer science department web page.	

Projects

2016	**Cross Scanner**	University of Puerto Rico, Community Project
	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**	Community Project
	Designed and created the databases for a non-profit organization using Bottle: Python Web Framework and SQLite3.	
2014 - 2016	**Techniques for Anomaly Detection in IPv4 & IPv6 Network Flows**	
	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** Supported by the scholarship Academics and Training for the Advancement of Cybersecurity Knowledge in Puerto Rico (ATACK-PR) supported by the National Science Foundation under Grant No. DUE-1438838.	

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.	