

# Kwaku Owusu

Kwaku.O.Owusu@gmail.com (631) 332-1686

---

## EDUCATION

**Stony Brook University- Stony Brook, New York**

**May 2017**

B.S. Information Systems

Dean's List: Fall 2013, Fall 2015, Spring 2016

GPA: 3.12

Relevant Coursework: Objected Oriented Programming, Data Structures, Web Design and Programming, Computer Networking, Database Design and Practice (Microsoft Access), System Administration, Scripting Languages

## SKILLS

- Programming experience in Java, Python, Perl, Swift, HTML/CSS

## EMPLOYMENT

**Summer Technology Analyst – JPMorgan Chase**

**June – August 2016**

- Assisted in increasing coverage, and improving automation of tests for a browser based internal web application used by high profile users. Tests were written in Java, using the selenium framework.
- Participated in the reduction of technical debt of the project by over 60%, leading to a more maintainable and understandable application.
- Designed new functionalities and features for a web application using the Balsamiq Mockups wireframing tool.
- Created documentation for future users of internal frameworks.

**Client Support Lead Student Technician - Stony Brook University**

**January 2015-Present**

- Introduced a new version of a post installation script, to automate the setup of campus computers, which was managed through Git, and written in PowerShell, HTML/CSS, and JavaScript, over a period of 4 weeks.
- Manage a group of students to work on projects to improve automation in the office.
- Participate in the hiring, training, and guidance of new student technicians.
- Experience with imaging, deploying, and troubleshooting faculty owned Dell computers.
- Diagnose various software and hardware issues for student computers in person.
- Help resolve problems and answer questions about university supported software over the phone, and through remote desktop connection.

## PROJECTS

<https://github.com/kwakuowusu>

**Mock Domain Name Server (Python)**

- A multithreaded application, that allows users to connect to, view, and modify a name record database on several different servers. This program implements UNIX commands such as fork and exec. Written cooperatively and managed through Git.

**Shortest Path Airplane Routing (Java)**

- Program that uses Google's geocoder API to provide latitude and longitude values for cities across the world. Users can add airport connections, and locations to find the shortest path between cities.

**iOS Tip Calculator (Swift)**

- An iPhone application that allows users to modify values for tips on bills, stores default tip percentage for ease of use.

## EXTRACURRICULAR ACTIVITIES

**Symphonic Band of Bay Shore/Brightwaters- Section Leader**

**June 2011-Present**

- Organize and help choose Music for the coming season, as well as guide section members on how to play pieces of music.