

# SHARIQSYED

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## EDUCATION

### **Stony Brook University**

**Bachelors of Science in Computer Science • Stony Brook, NY • Expected May 2019**

- 3.28 Cumulative GPA
- Dean's List Fall 2016

## EXPERIENCE

### **Zebra Technologies**

**Software Engineering Intern • Holtsville, NY • June 2017 - Present**

- Designed and implemented a REST API for a front-desk visitor sign-in application
- Designed a companion Android application with offline capabilities by utilizing SQLite
- Wrote SQLServer database and associated queries to handle visitor information
- Developed a demo smart eyeglass application integrating Firebase Cloud Messaging, providing custom notifications, live camera feed and more

### **Brookhaven National Laboratory**

**Research Intern • Upton, NY • June 2016 - August 2016**

- Developed Python scripts to search and correct malformed database information within the Atmospheric Radiation Measurement's Metadata Manager
- Presented statistical analysis graphs to faculty demonstrating the impact of malformed data. Created graphs using matplotlib and other libraries

### **kidOYO**

**Mentor • St. Joseph's College and Stony Brook University • December 2013 - March 2015**

- Planned and hosted lessons for classes on topics including HTML, Java, C++, Python
- Presented lectures on version control and Linux commands to 30+ children aged 7-17

## PROJECTS

### **Paper Trader (Android, Java)**

- Created a stock market simulator application using real time stock info. allowing you to trade and manage your own virtual portfolio using IEX Trading API

### **DNA Sequence Matcher (MIPS Assembly)**

- Implemented a DNA sequence matcher using recursion and regular expressions, supporting globbing with the asterisk character
- Generates all possible permutations of a partially completed DNA sequence

### **Residence Hall Manager (Java)**

- Conceptualized, designed, and developed an application to manage Stony Brook's Residence Halls. Allows user to add, remove, swap, move, copy, etc. students to different rooms and floors within the residence hall