

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