**Syed Rizvi**

2425 Bridgehaven Ter. ■ Richmond, VA 23233 ■ 540-834-6673 cell

[rizviha120@gmail.com](mailto:rizviha120@gmail.com) ■ <https://www.linkedin.com/in/rizvish3231> ■ <https://github.com/rizvish/Projects>

**Education**

Virginia Commonwealth University, Richmond, VA Expected Graduation: May/2017

Bachelor of Science in Computer Science, Certificate in Cybersecurity

Completed Computer Hardware A+ Certification Course

GPA: 3.0

**Skills**

*Programming Languages:* Java, Swift; Knowledge in MARIE and Assembly language

*Software & Development Skills:* Android Studios, Apache Karaf, Storyboards, Agile development, MS Office, Visio, Microsoft Project, Gantt Chart Software

*Operating Systems:* Linux, Unix, Mac OSX, Windows

*Language Skills*: Fluent in written and spoken English; Intermediate in spoken Urdu and beginner in written Urdu

**Relevant Experience**

**STR Software On-Premise Migration to Multi-Tenant Cloud Application**

■ Researched switch from a monolithic application a modularized (OSGi), cloud-deployable application.

■ Built Software as a Service (SaaS) application from scratch. Use of Apache Karaf as an OSGi environment and Apache Maven to automate Java programs.

■ Included many other technologies for databases, scheduling, and organizing such as PostgreSQL, MongoDB, Quartz, and Apache Jenkins

■ Developing deployment on cloud using Docker

**Android Mobile App Development – Hungr**

**■** Developed an Android App in Java which suggests a restaurant and displays restaurant name, number, directions, map, reviews, and images to the user based on their location and customizable range to limit search

■ Worked in an Agile Development environment; Creation of user stories, scenarios; Regressive and Espresso testing; Iterations lasted 2 weeks each for a total of three iterations

■ Coordinated with a team of four engineers to plan, document, and meet all deadlines

**Simulation of an Operating System**

**■** Used Round Robin Algorithm to assign tasks and new tasks an equal allotted time

■ Developed in C++, includes time slicing; new state, blocked state, ready state, run state, exit state

**■** Use of collaboration tool, a Centralized Version Control System (GitHub)

**Social Analysis done on communities in a network**

**■** Analyzed highly connected graphs in a network and ran big data files in Gephi and a Java Program

■ Used Java library created by **“**Anastasia Kurdia” and developed the remaining portions of the algorithm by hand

**■** Efficiently documented tests cases and gathered enough material for a thorough analysis on iterative destruction of highly connected networks

**Independent Projects and Activities**

■ Participant of Hack-a-thon 2016

■ Assembled a high-end computer from scratch

* Used a Raspberry PI to setup a personal server
* Currently working with iOS development kit

■ Phi Theta Kappa Honor Society

■ Cybersecurity Club