NABEEL ZAR KHAN

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EDUCATION

University of Texas at Dallas   Dallas, TX
Bachelors of Science in Software Engineering; GPA: 3.712   *August 2017 – December 2019*

Richland College   Richardson, Texas
Associates of Science   *August 2015 – May 2017*

WORK EXPERIENCE

McAfee   August 2019 - Present
Software Engineering Intern   *Plano, TX*

· Working with Python and the JIRA API to create various scripts to log, and visualize employee information. Using Flask, Dash, Plotly, and pandas to create dashboards and visualizations to display JIRA information
· Debugging and fixing issues/bugs on Endpoint Security (ENS) software, spanning over 300 million devices
· Re-factoring and updating outdated code for ENS

McAfee   May 2019 - August 2019
SIEM Intern   *Plano, TX*

· Provided analysis, design, configuration, implementation, operation management, and documentation, for McAfee SIEM including the Enterprise Security Manager (ESM), Enterprise Log Manager (ELM), Advanced Correlation Engine and other devices
· Worked with system administrators on identifying and eliminating network or security configuration issues for SIEM data collection
· Configured and operated security device authentication, management and logging platforms
· Responsible for SIEM security design review and recommendations, technical data gathering, and managing system deployments

Securus Technologies   May 2018 - December 2018
Software Engineering Intern (Middleware team)   *Carrolton, TX*

· Created a shell script to automate JSON smoke tests for APIs
 -Brought testing time down significantly and generated an HTML page documenting status of the API
· Optimized logs generated by micro services
 -Updated log levels for micro-services, re-factored and updated outdated code
· Created Kafka Plugin to manage offsets using JAVA/Scala
· Used Kibana Elastic Search Stack to create log dashboards

SKILLS

Languages - JAVA, C++/C, Python, MIPS, Bash, HTML, JavaScript, Swift, Scala, LaTeX

Databases - Relational, non-relational model, SQL. Knowledge in MySQL, MongoDB, Firebase

Operating Systems - GNU/Linux, Windows, Mac OSX

Version Control - Working knowledge of the GIT version control system. Experience with Github, Bitbucket

AWARDS & HONORS

Academic Excellence Scholarship, Distinction Award, UTD

Alpha Lambda Mu - VP of Academics

Tau Beta Pi - Engineering Honor Society, Member

PROJECTS

Senior Design Project: Confidential Conversation   August 2019 - Present

· Creating a end-to-end secure conversation application from the ground up with a team; writing requirements, doing design and architecture, testing, implantation, and deployment

AttendUTD   August 2018 - December 2018

· Completed a group project on designing and creating an android application that takes the attendance of students using Android Studio. Utilized Firebase (non-relational database) to authenticate student/professor logins