Akif Rafique
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Linkedin

EDUCATION:
North Carolina State University
Bachelor of Science in Computer Science   August 2018 – May 2021
Wake Technical Community College, Raleigh, NC
Associate in Engineering   August 2016 – May 2018

TECHNICAL SKILLS:
Java**,** C++, C, Python, Python/Flask, REST API, Terminal, Docker, OOP, OOD, GIT**,** Github, Bash, Testing, Microsoft Office, Windows XP/Vista/7/8, macOS, MS Excel, MS Word,Visual Studio code, Eclipse, (basic) HTML

EXPERIENCE/SERVICE:
Software Engineer Intern at Fidelity Investments   May 2019 – August 2019

- Working as a cloud computing intern to develop a cloud application that provides an extensible repository to generate quick-state projects using python and flask.
- Automated deployments and execution of mutiple concourse pipelines with Python
- Created and updated Docker Images.

Cashier at Harris Teeter   October 2014 – May 2019

- Trains about 2-3 employees per year, employs customer service strategies to improve sales, operates a cash register, supports managers with administrative tasks

ACADEMIC PROJECTS:
Data Structure
- Implemented several different data structures such as: ArrayBasedList, SinglyLinkedList, PosititionalLinkedList, ArrayBasedQueue, LinkedStack, UnorderedArrayMap, SearchTableMap, LinearProbingHashMap, Graphs, Trees.

Pack Scheduler
- Course registration program
- Object-orientated program concepts used: inheritance, polymorphism, inheritance, encapsulation, and code testing.
- Program is similar to NCSU's course registration system which allows students to sign up for different courses.

Incident Manager
- Built the program using java that utilizes Finite State Machine to keep track of each incident inquiry. Program allows users to make new incident and change the state of incidents as changes are made to an incident inquiry.
- Object-Orientated Design concepts used: Inheritance, Polymorphism, code testing, FSM.

RELEVENT COURSES:
C and Software Tools, Data Structures and Algorithms, Programming Concepts – Java, Discrete Math, C++ Programming, Java Programming, Calculus I, II, III, & Physics I