Anish Madala

linkedin.com/anishmadala
anish.madala@gmail.com | 571.606.9861 | github.com/AnishRepo

EDUCATION

VIRGINIA TECH
BS in Computer Science
Expected Graduation: Spring 2023 |
Blacksburg, VA
College of Engineering

LINKS

Github:// **AnishRepo**
LinkedIn:// **anishmadala**

COURSEWORK

UNDERGRADUATE
Introduction to Java
Discrete Mathematics
Object Oriented Programming
Data Structures and Algorithms
Computer Organization I (C)
Introduction To Problem Solving In
Computer Science (Python)
Comparative Languages

SKILLS

TECHNICAL
Java • PHP • ReactJS • HTML • CSS
JavaScript • Python • Swing • Cloud
Computing (AWS) • Microsoft Office
SOFT
Analytical Skills • Quick Learner •
Collaborative Skills • Creative Thinker

CERTIFICATIONS

2021 • AWS Cloud Practitioner
Certification
2017 • Microsoft Word Certification
2017 • Microsoft Excel Certification
2017 • Microsoft Powerpoint Cerification

EXPERIENCE

META (FACEBOOK) | Software Engineering Intern
May 2022 - Aug 2022 | Menlo Park, CA

- Developed end-to-end lab device triage application using React and PHP (fullstack) to collect data from multiple databases (Scuba and Thrift API) and congregate all data into one place
- Monitored lab devices in data centers and conducted device triage using the UI.
- Collaborated with multiple teams to gather customer feedback to further optimize my project.
- Heavily impacted infrastructure engineers by providing a more efficient way to triage lab devices.

IDEXCEL | Software Intern
May 2020 - Aug 2020 | Fairfax, VA

- Worked on financial software to automize loan application, decision-making, and customer information process using input of customer's financial information.
- Developed JUnit tests using Mockito for the loan application.
- Refactored and optimized java business logic for code quality, performance, and maintenance. Used SonarQube to measure code coverage
- Utilized HTML, CSS, Java, JavaScript, and ReactJS concepts to optimize user interface screens
- Worked in a collaborative development team environment with other interns and fulltime Idexcel developers to complete assigned tasks

TECHNICAL PROJECTS

SORTING VISUALIZER
Built Java Swing application for visualizing sorting algorithms
Implemented Insertion Sort, Selection Sort, Bubble Sort, and Heap Sort using an interactive GUI designed with a HashMap, Stack, and Priority Queue

BLACKJACK
The BlackJack Project is an interactictive game of blackjack against an AI dealer
The code utilizes many skills including object oriented programming and optimized if-else chains

DICTIONARY ATTACK
The Dictionary Attack Project is a Python based project that takes in a user defined password from a given dictionary, and uses machine learning algorithms to determine which hash function, 256 or 512 is more efficient in finding the password and graphs the data in a GUI.