Dhairya Surana

703-226-9367 | Centreville, VA 20120 |
dhairya.surana@gmail.com |
https://dhairyasurana.github.io/Personal_Website/

SKILLS

Programming languages: Python, C/C++, Java, JavaScript, HTML/CSS, SQL

Cyber/Networking: Authentication, IP/TCP, Wireshark, Kali, Cryptography

Frameworks: p5.js, Bootstrap, Flask, Django, Qt, React, Angular

Operating Systems: Linux, Windows

Other: Data Structures, Algorithms, AWS Cloud, Rest API, Software Design

EXPERIENCE

Dec 2020 - Present

Associate Dev/Systems Engineer, *SWIFT*

Resolved frontend bugs to improve the quality of the GPI financial message tracking system.

Delivered progress reports at daily Agile meetups.

Oct 2020 – Nov 2020

Cyber-Athlete (Silver Bracket), *National Cyber League*

NCL is a cyber CTF competition based on the CompTIA Security+ and the NIST NICE framework.

Individual Game: Competed against 6,011 participants to achieve the national rank of 652.

Team Game: Competed against 957 teams to achieve the national rank of 138.

Sep 2020 – Dec 2020

Scrum Master, *Virginia Tech*

Architected a PyQt Hospital Management System to assist hospitals with low doctor-to-patient ratios.

Integrated app with MySQL database hosted on AWS RDS.

Implemented medical chatbot to simulate bedside manner.

Oct 2019 - Dec 2019

AWS/Web App Developer, *Virginia Tech*

Researched and Launched AWS S3 bucket to host a web application.

Built a web application using p5.js and deployed to AWS S3.

https://thepatriotvirus.s3.amazonaws.com/index.html

June 2019 - Aug 2019

Software Engineer Intern, *Microsoft*

Developed a Django app to improve the efficiency of the geodata verification process by 20%.

Collaborated with the product owner via Agile to create a Javascript prototype under 4 sprints.

Utilized SQLite to query user accounts information for data verification.