Saloni Shivdasani

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EDUCATION

University of Texas at Dallas,   December 2021 | Richardson, TX
BSc. Software Engineering, Concentration: Information Assurance
GPA : 3.3/4.0
- Fast Track Program: Taking master's level courses with automatic admission and matriculation to graduate program
- Honors: Academic Excellence Scholar, Collegium V Honors Program

PROFESSIONAL EXPERIENCE

Engineering Analyst, *Information Security Office, The University of Texas at Dallas*   August 2020 – present | Richardson, TX
- Developing and improving current tools and capabilities using Django and Golang on Linux servers along with Git, Jira, Confluence, and Splunk
- Automating tasks using Python on Hive and Duo for 30,000+ users on campus and Bash for 15+ servers used to decrease manual work time by over 90%
- Performing system administration tasks, such as updating and patching hosts, building servers, installing hardware, and more

SKILLS

Computer Languages
Python, JavaScript, Java, SQL, C++, R, HTML, CSS

DevOps
GIT, Google Cloud Platform, Firebase, Amazon Web Services

Frameworks & Libraries
React, Flask, Node.js, Express, MongoDB, React Native, Flutter, Electron, Hadoop, Spark

Cybersecurity
Cryptography, Forensics, Network Traffic Analysis, Penetration Testing, Reverse Engineering, Log Analysis

PROJECTS

Tob Drocsid, HackUTD Spring 2021,   February 2021
UTD Student Government Best Discord Bot for Classes
- Created a discord bot for class servers which includes features like managing assignments, ask anonymous questions, creating study groups, and create office hour queues.
- Implemented the feature to create public and private study groups with access management using Discord.js along with connecting the bot to firebase to manage assignment data in Node.js

Secure, T-Mobile Hacktober 2020   October 2020
- Produced a web application that informs users about the Rugged approach by providing some CTF challenges to learn about web and network vulnerabilities along with website security scanner
- Executed the backend API using Flask to perform a mock penetration testing on websites to test for security vulnerabilities along with creating the frontend using React to access the API

Empower, WEHack 2020, *Second Overall (based on originality, technology, design,*   October 2020
completion, learning and theme)
- Built a web application that guides women entrepreneurs by providing them with open-source advice and directory of other small businesses
- Constructed the frontend using React and Firebase to access and store information in the database

ORGANIZATIONS

Association of Computer Machinery, UTD Chapter, *Education Officer, Mentor*   June 2020 – present
- Hosting workshops on campus on topics of general computing and personal development for an audience of 150+ students
- Organizing events and mentoring freshmen in the development of academic, social and personal skills necessary to succeed in college

Developer Students Club, UTD Chapter, *Technical Lead - Cloud*   December 2019 – present
- Hosting workshops on campus on topics of Google Cloud Platform as well as general computing for an audience of 100+ students
- Managed teams of 25 students to develop 6 projects for the global Google Solution Challenge while enforcing Agile development

ACHIEVEMENTS

Gold Bracket Competitor, *Nation Cyber League Spring 2021, Cyber Skyline*   November 2020
- Placed among the top 15% competitors from more than 6500 applicants nationally
- Based on Open Source Intelligence, Cryptography, Forensics, Log and Network Traffic Analysis, Web and Wireless Access Exploitation

SANS Security Training Scholarship, *Women in Cyber Security (WiCyS), Google*   August 2020
- Placed among the top 100 recipients from more than 988 applicants nationally
- Based on personal statements, current activities, and cybersecurity challenges on Linux, Web Attacks, Programming, and Forensics