Satinder Sikand

+1 (437)-333-2300 | ssatin360@gmail.com | GitHub: https://github.com/Satinder-Sikand | LinkedIn:
https://www.linkedin.com/in/satindersikand/

OBJECTIVE

Fourth year software engineering student with extensive experience in developing, debugging, and testing a wide variety of applications. Looking for a co-op position where I can be of great use in developing innovative software products.

EDUCATION & ACHIEVEMENTS

Bachelor of Engineering, Specializing in Software Engineering – Big Data   Expected 2023
Lassonde School of Engineering, York University, Toronto   **GPA:** 7.3 (9.0 scale), 3.5 (4.0 scale)
- Lassonde School of Engineering Award for achieving an average above 90%

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, C#, Verilog, Angular, CxQL, CodeQL, HTML, CSS, SQL, PostgreSQL, Bash, Matlab, Maven, Springboot, JavaScript
Operating Systems: Windows XP-10, Linux (Ubuntu, CentOS), Mac OS (10.8-10.14)
Tools: CMD, MS Office Suite, PowerShell, Linux Terminal
Notable Achievements:
- Binary Files – manipulation of binary files to attack applications (when they decompress the file)

WORK EXPERIENCE

CaseWare International: Application Security Tester Co-op (January-August 2020)
- Assisted CaseWare International security team in testing and maintaining the security of CaseWare products.
- Analyzed security of CaseWare products from DAST and SAST perspectives.
- Worked with C#, Python, C/C++, Java, and JavaScript.
- Developed custom queries that detected new threats and removed false positives on SAST tools: CxQL (Checkmarx), CodeQL (GitHub).
- Communicated vulnerabilities and remediation steps to management and developers.

Deutsche Telekom: Summer 2019 Intern
- Worked in a team on the development of Deutsche Telekom software, utilizing user logs from Kibana to recreate the users journey on their Deutsche Telekom app.
- Utilized Java and technologies such as Spring Boot, REST, MySQL, Elastic, and Kibana for back-end development.
- Worked with HTML, CSS, JavaScript, and Angular for front-end development.

PROJECTS

Zip File Editor:
- A python project where the user can add, rename, and remove files that are within a zip file.
- Can create files to test a program's decompression features for vulnerabilities (buffer overflow, path traversal, etc.).

TalkBot Simulator:
- A java program that helps those who are unable to talk in communicating. The user can click buttons to have the program say specific sentences, phrases, and more.
- Users can add, remove, or customize buttons (category and audio buttons).

Dashboard App:
- A program which gives real time weather for any city, using the OpenWeatherMap API.
- Planned features: Reddit Top 5 results from any subreddit, Google top 3-5 search results
- This project was made using Angular for the front-end and Java (Spring Boot framework) for the backend.

Pokémon battle simulator:
- A game which simulates the battle tournament scenarios of 'Pokemon'. The game was developed using Java.

Database repo:
- Repository containing projects created within York University's database course.