Elion Sufaj

Computer Science Student

📍 Mississauga, ON, L5B2B2

📞 (647)-292-7464

✉️ esufaj@yahoo.com

🔗 https://www.linkedin.com/in/elion-sufaj/

🔗 https://github.com/esufaj

Analytical and solution focused professional with experience relating to Software Development, Cloud Security and Cyber Security. Seeking to leverage my technical background to secure a challenging position that allows for continuous problem solving using an efficient and sustainable approach. Successful in creating innovative solutions to enhance delivery for optimal and accelerated results using leading industry languages, tools and frameworks. Proven results in creating end-to-end applications and conveying business benefits to partners and stakeholders in a comprehensive manner.

🎓 Education

2016-09 - Current

Honours Bachelor of Science: Computer Science

York University - Lassonde School of Engineering - Toronto, ON

- Coursework in Data Structures, Computer Organization, Net-Centric approach to Computing, Software Tools, Advanced Object-Oriented Programming, Fundamentals of Operating Systems, Database Systems, Big Data, Design and Analysis of Algorithms.
- Received York University entrance scholarship
- Awarded Ontario Scholar

🏷️ Skills

Python, Java, C, MapReduce, Hadoop

SQL, PSQL, MongoDB, PHP

HTML, CSS, JavaScript, Bootstrap

OpenShift, PCF, Docker, AWS, Kubernetes

Jenkins, UCD, Helios (RBC DevOps CI/CD Pipeline)

Tenable, Aqua, Jira, Confluence

🏹 Projects

Real-time Twitter Streaming App, Aug 2021

- A Python application that performs real-time text analytics of Twitter data through the Twitter Developer API. **Stack:** Python, Apache Spark, Tweepy, AJAX, HTML, JavaScript.
- Identified trends by tracking the most used/popular hashtags and plotted the data on a graph by popularity in real-time.
- As in the fields of computational linguistics and natural language processing, I perform a sentiment analysis on Tweets in order to determine the contextual polarity/ emotional reaction of the Tweet and user. A ranking of positive, negative, or neutral is given to the Tweets using a scoring system and then plotted on a graph again in real-time using visualization techniques.

Distributed Text Analytics using Python, Aug 2021

- A Python app that performs distributed text analytics on large datasets using MapReduce algorithms. Testing was performed in the Hadoop environment using Docker.
- Computations such as n-grams and business popularity are calculated and stored for future use and analysis.
- Computation of inverted indexes. In information retrieval, an inverted index is a data structure that stores a mapping from words to a collection of documents they appear in.

JDBC Application, Dec 2020

- Automated the process of updating game/quest entries for a multiplayer game, by using JDBC to send those updates to a database in the backend
- App connects with a PSQL db server through specific drivers to make necessary updates upon request.

Work History

2021-09 - 2021-12

Technical Systems Analyst

Royal Bank of Canada, Toronto, ON

- Developed an internalized email notification system end-to-end for the purpose of notifying department heads regarding their soon to be expired scan exemptions.
- Developed scripts in order to collect, clean, maintain and update network device asset lists bringing the scanning compliance rate from 30% to above 86%.
- Participated in the Apache Log4j vulnerability response team tasked with determining the assets, images and containers which may be vulnerable and deploying system controls via Aqua and Tenable to block a multitude of newly founded CVEs.
- **Stack:** Python, OpenShift, PCF, SQL, Jenkins, AWS, Kubernetes, UCD, Helios, Tenable, Aqua.

2017-04 - 2020-07

Bartender/Server

The Kingbridge Centre, King City, Ontario

- Developed new signature cocktails to support bar marketing brand and increase profits.
- Organized bar inventory and storage procedures to keep stock within optimal levels and meet expected customer demands.

2019-09 - 2020-09

Volunteer - the Computing Student Hub

York University, North York, Ontario

- Helped first year students transition into the Computer Science program from High School.
- Gave a basic understanding to students of how to code in Java.