

Tanya Nantsa . Jarvis Consulting

I recently graduated with a Bachelor's in Software Engineering from the University of Guelph. As a Data Analyst Intern at Scotiabank, I honed my Python, SQL, and data analysis skills. With a minor in Psychology, I bring a unique perspective to understanding user behaviour. I am passionate about problem-solving, creating a positive impact, and continuously improving my skills in Software Development. Seeking a role as a Software Developer, I bring a strong foundation in C, Python, HTML/CSS, SQL, and JavaScript. Also, my strong communication, time management, and teamwork skills make me a great team addition. My attentive nature, adaptability, and passion for problem-solving make me an ideal candidate for contributing to dynamic and collaborative development teams.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Python, HTML, CSS, JavaScript, C

Familiar: React, Bootstrap, Visual Studio Code, IntelliJ IDEA, Ruby

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_TanyaNantsa

Linux Cluster Resource Monitoring App [GitHub]: The Linux cluster monitoring project resolves the Jarvis Linux Cluster Administration (LCA) team's need to manage a Linux cluster of 10 servers running CentOS 7. The project collects and stores real-time hardware specifications and resource usage data for each server into a database, enabling the LCA team to generate reports and use data analytics to make informed decisions about server additions or removals. The technologies used include Docker for the containerized deployment of the PostgreSQL database instance, Bash scripts for the data parsing and data collection on individual servers, PostgreSQL for the database, crontab for automating the bash script that collects resource usage data, and Git for version control and feature management within the project.

Highlighted Projects

Personal Website [GitHub]: A platform where I share coding and sewing projects I work on, my personal interests, and additional contact information.

Chess Game [GitHub]: A terminal game where the user selects whether they wish to play the one-player or two-player version of the game.

Image Processing Toolbox [GitHub]: An application where users can edit and manipulate images. This toolbox allows users to crop, scale, flip, rotate, apply zero padding, change the brightness, change the contrast, apply filters, and detect edges in their images. The edited image is saved to the user's computer.

Professional Experiences

Software Developer, Jarvis (2023-present): At Jarvis Consulting Group I gained hands-on experience with a diverse set of technologies including Linux, SQL, GIT, Java, Springboot, Microservice, REST API, Cloud Computing, DevOps, Data Analytics using SQL and Python, and Big Data tools such as Hadoop, Spark, and Scala. Throughout this role, I collaborate with Tech Leads and Professionals, contributing to the development of projects and writing code in Java, Python, SQL, and more. Additionally, this role has enhanced my time management, problem-solving, and communication skills.

Data Analyst Intern, Scotiabank (2022): Worked on the Behavioural Data Science team to develop a model for verifying customer home addresses and identifying traveling customers using location data. Analyzed fraud rate of traveling customers to identify significant patterns. Solutions developed from this migration analysis project are to be used by other team members on existing projects within the company.

Education

University of Guelph (2019-2023), Bachelor of Computing, College of Engineering & Physical Sciences - Dean's List (2020, 2021)

Miscellaneous

- Sewing
- Crochet and Kniting