

SUMMARY OF QUALIFICATIONS

- **Languages:** Python, R, SQL, C++, Kotlin, VBA, (Unix, Bash)
- **Frameworks:** PyTorch, Git, AWS, Docker
- Experienced in autonomously collecting project requirements and creating **robust solutions** in a timely matter as a Junior Data Scientist
- Created, documented, and deployed **end-to-end automated products** as a Finance Automation Intern
- Strong leadership and teamwork skills as a result of collaborating with others to design and implement **new initiatives** as a Business Analyst Intern

WORK HISTORY

JUNIOR DATA SCIENTIST • *ALS Goldspot Discoveries Ltd*

North Vancouver, British Columbia, BC • August 2022 to December 2022

- Automated package creation and technical documentation publishing leveraging **Poetry, Sphinx, Docker, and GitHub Actions** to reduce user action by over **95%**
- Trained and deployed **PyTorch YOLOv7 object detection** models, reducing inference time by **50%** and improving detection on smaller and partial instances
- Generated synthetic rock data using fine-tuned **text-to-image** Stable Diffusion model to perform SimCLR **self-supervised learning** and **PCA** for feature extraction

FINANCE AUTOMATION INTERN • *Bell Canada*

Mississauga, ON • January 2022 to April 2022

- Implemented batch processing data pipeline for financial reporting process using **SQL, Power Query, and Excel** to decrease weekly run time by over **94%**
- Constructed **automated** monthly spending forecast with optional human override using committed dollars and project milestones
- Rectified over **80%** of purchase orders through deployment of data integrity reports to alert supply chain of invalid and incomplete purchases

BUSINESS ANALYST INTERN • *Bell Canada*

Mississauga, ON • May 2021 to August 2021

- Developed **MS Project** tool that displayed custom workload views for upcoming tasks to assist with schedule management using **VBA**
- Designed **VBA** tool that used business rules to fill in incomplete datasets of over **25,000** purchase orders with over **95%** accuracy
- Created impactful dashboards using **Excel, Tableau, and R** to convey KPIs to team members and stakeholders

EDUCATION

Bachelor of Computer Science - Human Computer Interaction • *University of Waterloo*

Waterloo, ON • Expected in April 2025

Relevant Courses:

- **Object-Oriented Software Development** : Designed, coded, tested, debugged, and documented medium-sized program. Read specifications and designed software to implement them in **C++** .
- **Data Structures and Data Management** : Utilize effective methods of data organization, focusing on data structures, their algorithms, and the performance of these algorithms. Topics include sorting, priority queues, dictionaries, data structures for text processing.
- **User Interfaces**: Process user specifications and implement user interfaces with suitable architectures (**MVC**) using **Kotlin, JavaFX, and Gradle**