OLEH HRYSHYN

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PROFESSIONAL EXPERIENCE

Data Analyst, Business Intelligence   **Mar 2022 – Present**
StackAdapt, Toronto, ON
- Design **ETL** pipelines using **Python**, **PySpark** on **Databricks**, and **SQL**, pulling multiple data sources to process **big data** to enable additional targeting in the bid stream for revenue generation and cost reduction
- Adopt and implement **Apache Airflow** for ETL processes, replacing CRON jobs and author DAGs for over 50 jobs, resulting in improved monitoring capabilities and streamlined data tracking and documentation
- Develop user-friendly web applications in **Python** (**Flask)** to streamline the use of the **ElasticSearch** for multiple teams, resulting in a time savings of 50 hours per week and improved accuracy of data analysis
- Led the training of team members, creating thorough **learning materials and presentations** to facilitate a successful transition to the new system, resulting in improved data processing accuracy and standards

Data Analyst   **Aug 2020 – Mar 2022**
Ontario Made Program, Canadian Manufacturers & Exporters (CME), Toronto, ON
- Designed, developed, and maintained efficient ETL pipelines with **Python** to distribute data from **AWS** to audit teams, resulting in 100-hour weekly time savings for teams accessing the processed data
- Created and maintained large-scale dashboards with **PostgreSQL**, **Python (pandas, seaborn)** and **Tableau**, effectively tracking program KPIs resulting in improved data-driven decision-making processes
- Managed a web development team to design and implement new functionality and map the system's logic and resulting in a **quadrupling** of the program's initial membership goal
- Improved data entry processes across functional departments with **Python (selenium, BeautifulSoup4)**, leading to a 400-hour reduction in manual labour and increased productivity

EDUCATION

Master's of Management Analytics   **Apr 2022 – Expected Apr 2023**
Smith's School of Business, Queen's University, Toronto, ON

Applied Data Engineering and Architecture Diploma   **Feb 2022**
Toronto Institute of Data Science and Technology, Toronto, ON

Bachelor in Sea and River Transport Navigation   **June 2018**
National University Odesa Maritime Academy, Ukraine

PERSONAL PROJECTS

Customer Review Classification
- Built a **machine learning model** using **NLP** techniques to predict the helpfulness of customer reviews, achieving the highest score in the program through extensive feature engineering and parameter hypertuning
- Created a **visually appealing presentation** to effectively communicate the model and its results to both technical and non-technical audiences, receiving excellent feedback from peers and program mentors

Sponsored Ad Prediction
- Constructed a classification model using **Python (scikit-learn)** to predict if a website was sponsored or not, using data extracted and feature engineered from raw HTML data
- Built and deployed a user-friendly and interactive **Streamlit web application** to showcase the model, allowing for user input and achieving an excellent grade