NIKLAUS CHANG LIU

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EDUCATION

Wilfrid Laurier University | Lazaridis School of Business and Economics   **Waterloo, ON**
Major in Economics and Accounting   Sept 2020 - Apr 2023
- **Relevant Coursework:** Accounting, Data Analytics, Economics, Econometrics, financial management, Financial Modelling

Pursuing CFA: Level 1 in Progress, expecting exam in 2024

Google Advanced Data Professional Certificate   May 2023 – Oct 2023

AWS Cloud Technology Consultant Professional Certificate   Oct 2023 – Feb 2023

EXPERIENCE

Dream Unlimited. Inc   **Toronto, ON, Canada**
Developing Accountant, Intern   May 2022 – Aug 2022
- Prepared monthly and quarterly financial Reporting Packages to support management strategies and decisions
- Collaborated with 4 distinct stakeholder teams, streamlining key transaction processes and enhancing accounting accuracy for 3 major projects
- Assisted in several ad-hoc projects, enhanced liquidity management and streamlined intercompany transactions, leading to more efficient financial operations.
- Automated recording of 100+ JEs monthly by conducting data manipulation in Power Query, reducing manual entry time by 40%
- Prepared and analyzed account reconciliations, ensuring the balances in the system align with the bank's records

Deloitte China   **Remote**
Financial Accounting Advisory, Intern   May 2021 – Jun 2021
- Organized and processed large volumes of data from various clients' financial documents
- Recognized internal control and risk issues and, in conjunction with team leaders, optimize the readability of the dashboard report while adding drill-down capabilities to identify and investigates the anomalies significance level
- Evaluated past audit reports and composed a financial analysis report of a public company from both quantitative and qualitative perspectives to identify critical indicators of the company's potential risk factors
- Assisted with internal assurance for the PP&E account of the company through referencing JE and GL

EXTRACURRICULAR

Wisabi Bank ATM Transactions Report   Sept 2023
- Developed Power BI dashboards to generate and present insights of over 2 million ATM transactions in Nigeria
- Leveraged data modeling and DAX for deep insights into transaction trends by date and location
- Identified key customer behaviors, revealing a 20% higher transaction rate among the 25-35 age group and peak transaction times around 6 p.m.
- Identified ATMs with 30% extended transaction durations in select states, suggesting areas for efficiency optimization

Credit Card Fraud Detection   Sept 2023
- Processed and analyzed a dataset of over 284,000 credit card transactions, highlighting patterns related to fraudulent activities
- Applied advanced machine learning classifiers, like RandomForest, achieving a high recall rate for accurate fraud detection
- Handled the imbalanced dataset challenge by employing both undersampling (Near Miss) and oversampling (SMOTE) techniques

SKILLS

Microsoft Suite: Excel, PowerPoint, Word, Outlook, SharePoint
- *Excel* - Experienced in creating complex formulas and functions to solve business problems

Financial Modeling & Analysis: Three-Statement Model, Valuation Analysis
- *Three-Statement Model* - Experienced in creating Three-Statement Models for financial analysis

Computer languages and tools: STATA17, Python, Power BI, Tableau
- *Python* **–** Intermediate proficiency in data analysis using Python (NumPy, Matplotlib, Scikit, Pandas, etc.)
- *Power BI* – Hands-on experience in data organizing, DAX functions, model establish and dashboards visualizations