Alan (Jianian) Liu, MMA

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EMPLOYMENT EXPERIENCE

CIBC, Toronto, ON
ADALP Associate, Jan 2022-
Fusion Analytics
- Built and improved Machine Learning models to better detect threat within CIBC by building 10 plus features from cross pillar data sources using SAS
- Lead technical expansion project and launched 3 new analytics tools for the team and wrote runbook for one tool.

Retail Operations
- Built and managed five plus dashboard reporting for leadership team using Tableau
- Initiated and managed two automation projects

Bell Canada, Toronto, ON
Junior Developer, **Data Science**, Oct 2020-Jul 2021 (Practicum)
- Built a savable churn model to optimize the allocation of inbound customer retention efforts; model designed to allow call center agents to instantly tailor offers to churning customers

SHENWAN HONGYUAN Securities, Beijing, China
Business Analyst, May 2018-Jun 2018
- Obtained and organized multiple audits, appraisal and legal documents required to list client on a new stock market; resulting in successful addition to new market
- Analyzed market information and industry data for three clients in the fields of media, machinery and environmental design, and recorded short and long run financial objectives and plans, successfully growing business with the clients

EDUCATION

Rotman School of Management, University of Toronto, Toronto, ON
Master of Management Analytics, 2021
- GMAT 740/800
- MMA Outreach, Diversity & Inclusion Representative & MMA Ambassador
- Anti-money Laundering Scotiabank Case Competition: Identified high risk traits using supervised and unsupervised learning and provided managerial recommendations based on clustering and segmentation modeling

Sauder School of Business, University of British Columbia, Vancouver, BC
Bachelor of Commerce (with Honors), 2020
- Specialization in Finance, Minor in Mathematics, Cumulative GPA: 89.2%,
- Teaching Assistant and Marker, Global Ambassador,
- Honors: Dean's Honour Roll and Trek Excellence Scholarship for Continuing Students recipient (top 5%)
- Twitter Social Media Analysis: Compared two brands based on 10K data using Twitter API, text-mining and AWS cloud computing

London School of Economics and Political Science, London, UK
LSE Summer School, 2018
- Course: Economics of European Integration

ADDITIONAL INFORMATION
- Python (Pandas, Sklearn, etc.), Tableau, Microsoft Office (Excel, etc.), Microsoft Azure (Databricks, etc.), SAS, SQL, Bloomberg Terminal, R, JMP, Alteryx, Power BI, Power Automate
- Fluent in Mandarin, Beginner/Intermediate in French and TEFL certified
- Playing (beach) volleyball, observational drawing, ceramics, tap dance and hiking