Eamon Zhao

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EXPERIENCE

RBC CAPITAL MARKETS | Financial Analyst
Sept 2020 – Dec 2020 | Toronto, ON
- Consolidated data from P&L and Liquidity Flag reports into daily fiscal reports using MS Access
- Maintained database for global treasury services and fixed the pre-existing database issues with VBA skills
- Generated weekly and month-to-date reports using Tableau
- Gained practical knowledge about funding structure through the inquiries from Stakeholders
- Successfully tackled all the requests that required immediate attention from the front office while meeting the daily deadline

DELOITTE LLP | Financial Crime Analytics
Jan 2020 – Apr 2020 | Toronto, ON
- Created stored procedures and functions in SQL Server database
- Extracted and loaded data using SQL Server DTS and SSIS
- Designed visually appealing Tableau dashboards to analyze online banking transactions and identify fraud activities
- Assisted the e-discovery team to analyze suspicious financial activities that potentially leaked the client's confidential information
- Supported multiple project teams proactively to execute against an existing project or work plan

SERVA SOFTWARE CO., LTD | Software Engineer Intern
May 2018 – Aug 2018 | Shanghai, CN
- Implemented the data dictionary function in the CRM system, improving data reading efficiency by 35%
- Developed functions to show market activities and customer transactions using AJAX in JSP
- Enhanced the level of user accounts' security using MD5 encryption

PROJECTS

OPERATIONS MANAGEMENT | Excel/VBA
- Calculated sales revenue and wage/commission schedule using VLOOKUP, INDEX, MATCH, etc.
- Implemented easy-to-use operation functions to keep track of input purchase and sales
- Organized all operating data into Income Statement and achieved automation through VBA programming

CUSTOMER ANALYTICS | Python
- Built a predictive model using a random forest algorithm with scikit-learn package
- Conducted exploratory data analysis to segment customer base using Panadas
- Visualized the engagement rate through a bar chart based on Customer Lifetime Value and Months Since Policy Inception

HIGHLIGHTS

- Working experience in financial analysis and financial reporting
- Hands-on experience working with data analytics and data visualization
- Strong programming and analytical skills with quantitative background

SKILLS

PROGRAMMING
3+ years:
Python • SQL • Visual Basic
2+ years:
HTML/CSS • JavaScript
1+ years:
R • LaTeX • Racket

TECHNOLOGY
Tableau • Git/Gitub
MS Excel • MS Access
Jupter Notebook

EDUCATION

UNIVERSITY OF WATERLOO
B.A. in Mathematical Economics
2019 - 2022 | Waterloo, ON

BASc in Computer Engineering
2017 - 2019 | Waterloo, ON

COURSEWORK

Corporate Finance
Financial Mathematics
Designing Functional Programs
Computer Science 2 (Python)
Statistics & Probability (R)
Econometrics
Introduction to Optimization

LINKS

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Website:// **eamonzhao.me**
Github:// **y477zhao**