

ALAN KHOO CHI LOON

Singaporean ♦ +65 9642 1386 ♦ alan.khoo.chi.loon@gmail.com ♦ linkedin.com/in/alankcl

Personable Data Analyst in the private banking (PB) industry. Motivated to optimise processes, streamline operations and support data-driven decisions for team efficiency. My expertise includes utilising Alteryx, Tableau, SQL, Unqork, Python and UiPath to deliver impactful insights and solutions.

Skills

Data Analytics • Process Automation • Business Intelligence (BI) • Tableau Visualization • SQL • Unqork • Python • UiPath • Software Development Life Cycle (SDLC) • Intelligent Solution Governance • Project Management

Experience

FEB 2023 - CURRENT

Operations Automation Senior Associate (Data and Automation Solutions) | J.P. Morgan Private Bank

Oversee the inventory of business intelligence and analytic solutions within Asia PB Investment Operations, catering to over thirty active users.

- Introduced business intelligence into Asia PB Investment Operations and implemented numerous initiatives to mitigate risk through early detection. These initiatives include the Account Closure Monitoring Dashboard, Late Coupon Payment Dashboard, and Service Delivery Metrics Dashboard, which facilitate proactive risk management and early identification of potential issues.
- Designed and created the One Ops Dashboard, which provides senior management in Asia PB Investment Operations with insights into service quality, such as account funding conversion rate and custody fee generation per market team. The solution gathers data from various sources, including database and data virtualization platforms like Denodo and Snowflake, and utilises data preparation tools like Alteryx and Tableau. Additionally, it reduces manual data extraction by consolidating 15 datasets into three scheduled Alteryx workflows and one dashboard.

Manage smart solutions across the Asia Investment Operations division of PB, supporting over thirty active users.

- Automated data preparation and transformation processes using Alteryx Analytic Process Automation (APA) solutions.
- Developed Alteryx workflows with schedulers, integrated with SQL, to extract data from database and data virtualization platforms, such as Snowflake and Denodo, ensuring the availability of core datasets for further analytics.
- Implemented two Unqork applications to optimize workflow and establish oversight mechanisms.

Leading the Center of Excellence (COE) for data analytics and intelligent automation to support the operations of Private Banking Asia Investments

- Facilitated and guided the growth of citizen developers by fostering a collaborative environment.
- Engaged in design thinking sessions, instilling best practices to improve outcomes.

APR 2022 – FEB 2023

Process Improvement Associate | J.P. Morgan Private Bank

Delivered solutions as the intelligent automation specialist for Wealth Management Asia Change Mobilization team supporting multiple functions.

- Developed intelligent automation solutions, which resulted in capacity generation of seven headcounts across more than ten UiPath attended bots and Alteryx workflows.
- Provided coaching and support to Citizen Developers.

OCT 2020 – APR 2022

Data Analytics Trainee, IBF-TFIP | J.P. Morgan Private Bank

Led a data analytics proof of concept (POC) project analysing and creating a prediction model for Straight Through Processing (STP) rate of equities trades.

- Performed extract, transform and load (ETL) process on three input sources involved in a life cycle of a trade to obtain an output for comparing several machine learning models (Logistic Regression, Decision Tree, and Random Forest).
- The top attributes identified using the model were used to drive decisions with the respective stakeholders for actions to reduce manual pain points involved in the end-to-end process.

JAN 2020 – JUN 2020

Assurance Services Audit Assistant | Ernst & Young LLP

Led the audit field work for critical balance sheet and profit/loss sections for one multinational corporation (MNC) client in the manufacturing industry and the Ministry of Health (MOH).

- Ensured proper controls in place through the creation of test of controls (TOC) work steps and reports.
- Validated the completeness and accuracy of financial statements.
- Provided coaching and guidance to juniors, ensuring they get the proper exposure while completing the audits in accordance with regulations and procedures.

SEP 2017 – DEC 2019

Senior Assurance Associate | Foo Kon Tan LLP

Led the audit field work for critical balance sheet and profit/loss sections for five companies (publicly listed and non-profit) in the construction, property development, fund management, charity, and manufacturing sectors.

- Ensured proper controls in place through the creation of test of controls (TOC) work steps and reports.
- Validated the completeness and accuracy of financial statements.
- Provided coaching and guidance to juniors, ensuring they get the proper exposure while completing the audits in accordance with regulations and procedures.

Education/Certification

DEC 2023

Google Advanced Data Analytics

- Covered topics in exploring large datasets, applying data analysis techniques, and building models to extract insights as well as those in machine learning, predictive modelling, and statistics.

MAR 2023

Investment Foundations Certificate | CFA Institute

- Covered introductory level topics for types and functioning of markets, investment instruments, investment inputs and tools, managing portfolio risk and environmental, social and governance (ESG) investing.

JAN 2023

Novice Configurator | Unqork

- Demonstrated proficient knowledge of basic Unqork building blocks, workflows, data structures, and APIs and understanding the principles of the no-code application building.

MAY 2022

UiPath Certified RPA Associate | UiPath

- Demonstrated the knowledge to identify and define business processes suitable for automation and build simple automation solutions with UiPath platform components such as UiPath Studio.

OCT 2021

Alteryx Designer Advanced Certificate | Alteryx

- Demonstrated higher-level abilities with Alteryx Designer with an understanding of a wider breadth of tool functionality and the ability to apply the knowledge to more complex applications.

MAR 2021

Professional Diploma in Data Analytics | NUS-ISS

- Statistics Bootcamp
- Predictive Analytics - Insights of Trends and Irregularities
- Customer Analytics
- Text Analytics
- Managing Business Analytics Projects

JUL 2017

Bachelor's degree in accounting | Nanyang Technological University