**JIAM TZI YU**

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**SKILLS & KNOWLEDGE**

**Programming Languages:** Python, R, C, SQL, noSQL, Java

**Tools:** Jupyter, MySQL Workbench, Rstudio, Powershell ISE, ReactJS, Figma, PowerBI, MongoDB

**EXPERIENCE**

**SEA (Garena Pte Ltd)** Singapore

Finance Systems Team (Product & Project Management) May 2021 – Jul 2021

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| * Developed a systematic approach which reduced transfer time by 3 months to facilitate data transfers from existing third-party application KissFlow to SEA’s internal system with the usage of CMD, PowerShell and Excel * Designed UI that enhances workflow for internal usage using Figma * Implemented popup dialogue to replace existing built in alert dialogue in ReactJS |  |

**Syfe** Singapore

Operations Team Mar 2020 – Aug 2020

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| * Collaborated with Product Team to augment workflows, integration of onboarding systems as well as automation of the inhouse fund management systems * Created Excel and Sheets templates via functions and formulas to extract useful data which improved daily inflow processing speed and daily new average onboarded clients by 1000% * Deployed Python script to reduce time needed to calculate and assign the right amount of reward to clients by 2000% |  |

**COMPETITIONS & PROJECTS**

**Trading Strategy and Back Testing**

https://github.com/babyjty/ttmtradingbacktest

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| * Implemented trading strategy (TTM squeeze) on forex and back tested on Jupyter Notebook |  |

**NTU Data Science & Artificial Intelligence Project**

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| * Explored and analyzed E-commerce Olist data using Python * Utilized Machine Learning tools such as K-means Clustering and provided appropriate recommendations to company |  |

**EDUCATION**

**Nanyang Technological University** Singapore

Bachelor of Business and Bachelor of Engineering (Double Degree Program) Class of 2024

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| * **Coursework**: Data Structures & Algorithms, Object Oriented Design & Programming, Linear Algebra, Analytics, Design & Databases * **Others**: Nanyang Scholarship Awardee |  |

**OTHERS**

Basketball Captain, Hall 4 (2021/2022)

Interest: investing, trading, design