Jacky Teo

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EDUCATION

Singapore Management University   **Aug 2020 – Dec 2023**
Bachelor of Science (Information Systems Major)   *(Expected)*
Current GPA: 3.60/4

- Relevant Courses: Web Application Development, Database Management, Business Processes Analysis and Solutioning, Enterprise Solution Development, Digital Banking Enterprise Architecture, Cloud Management and Engineering
- SMU SIS Aspiration Scholarship year 2020/2021 - 2021/2022

Singapore Polytechnic   **Apr 2014 – Feb 2018**
Diploma in Financial Informatics
Cumulative GPA: 3.82/4

- Relevant Courses: Bank Operational Risk Management, Investment Operations, Business Analytics, Investment Analysis, Financial Management Accounting
- Director's Honor Roll in Academic year 2016/2017 - 2017/2018

PROFESSIONAL EXPERIENCE

SINGAPORE EXCHANGE (SGX)   **May 2022 – Aug 2022**
Digital Enablement, Intern

- Developed front-end components for SGX Internal Application using JS custom components and CSS
- Spearheaded analytics project to develop a dynamic dashboard for IT Risk and Compliance Team reporting using Tableau
- Streamlined company's web application for internal welfare system by refactoring JS scripts for logic processing
- Delivered analytics and conducted presentations on usage patterns of internal applications for management reporting

SINGAPORE MANAGEMENT UNIVERSITY   **Aug 2021 – Dec 2021**
Teaching Assistant – IS111: Introduction to Programming

- Assisted professors in conducting lessons for students on Programming in Python
- Conducted enrichment classes for students who were struggling with the language

HOPE SINGAPORE   **May 2021 – Jul 2021**
Information Technology Associate (Intern)

- Managed live streaming events weekly across Singapore and worldwide via company's internal systems
- Led and managed a large-scale streaming event for 3 days and supported IT infrastructure provisioning to accommodate to heavy loading across the days of streaming
- Performed front-end development on company's internal website on course applications processing with Vue.js and CSS

DBS BANK   **Oct 2017 – Feb 2018**
Treasures Private Clients, Intern

- Streamlined internal client acquisition processes enhancing information processing via VBA programming and integration with SharePoint
- Managed, supported and organized networking events for DBS' Treasures Private Clients and Partners
- Performed monthly competitor analysis to provide insights and suggestions to further enhance client acquisition strategies

BARCLAYS CAPITAL   **Sep 2017 – Oct 2017**
Corporate Action Service, Intern

- Managed corporate client issues regarding Corporate Action Transactions by liaising with Trade Settlement department situated in different countries of APAC
- Spearheaded project to assist in training and onboarding process via documentation and designing of workflow diagrams for the Corporate Action Service department to address common issues or enquiries on Corporation Actions Transactions

TECHINCAL SKILLS

• Python	• Web Development	• Vue.JS	• React.JS	• AWS Cloud Computing
• Flask	• Docker	• Three.JS	• SQL	• Agile Framework
• Pandas	• JavaScript	• Next.JS	• Firebase	

PROJECTS

Stonks
Project adopts the use of SOA architecture which uses APIs that are exposed by SMU tBank to create a platform for users to customize and manage their Stocks portfolio. Project is a proof of concept, simulating a Fintech Platform to conduct buying and selling of stocks with Bank APIs.

Tech Stack:
Python, Docker, Flask, SQL, CSS, HTML, JavaScript, Bootstrap

Swifite Bank
Project explores the use of provisioning AWS resources to perform migration from on-premise to the cloud. AWS resources include Lambda Functions, Elastic BeanStalk, DynamoDB, AWS RDS, EC2 and more

Tech Stack:
Python, HTML, CSS, SQL, AWS, JavaScript, NoSQL

OnlyArt (OnlyFence)
Project explores concepts that are adopted in SOA architectures with the use of microservices, containerization and external APIs. OnlyArt is a platform connecting artist and art enthusiasts. Project uses the Paypal API to conduct its fee transactions and Firebase to store data.

Tech Stack:
Python, Docker, Flask, JavaScript, Firebase, SQL, CSS, HTML, Bootstrap

Audiophile
Project explores the use of different JavaScript frameworks to create a responsive web application that users can relive the experience of using the older versions of windows media players and Hi-Fi Systems where music could be visualized in terms of frequency and amplitude.

Tech Stack:
Vue.JS, Three.JS, JavaScript, Firebase, SQL, CSS, HTML, Bootstrap

Kindly refer to link for more projects