



Tricia Lam

SINGAPOREAN

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TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C#, PHP, Solidity (Smart Contracts)
- **Web Development:** Node.js, HTML, CSS, Web Design, ASP.NET
- **Database Management:** MySQL
- **Testing Tools:** Proficient in using SoapUI for web service testing
- **Machine Learning & AI:** Experience with Machine Learning algorithms, Large Language Models (LLM), and Recommender Systems
- **Visualization Tools:** Proficient in Tableau for data visualization and analysis
- **UI/UX Design:** Skilled in UX & UI design principles and tools, including Azure and Figma
- **Microsoft Office:** Advanced proficiency in Word, PowerPoint, Excel

MANAGEMENT & LEADERSHIP SKILLS

- **Project Management:** Proven track record in managing projects from conception to completion, with expertise in Jira for project tracking and issue management
- **Leadership:** Demonstrated leadership skills with the ability to mentor and motivate teams
- **Interpersonal Skills:** Strong interpersonal skills, capable of fostering positive relationships within teams
- **Critical Thinking:** Excellent critical thinking abilities to analyze situations and devise solutions
- **Languages:** Fluent in English and Mandarin

SUMMARY

As an ambitious and detail-oriented undergraduate, I am deeply passionate about technology and innovation. With a keen interest in the tech field, I aspire to leverage my robust technical skills—including coding, debugging, problem-solving, and data analysis—in contributing to cutting-edge technology projects. My proactive approach and leadership capabilities motivate me to continuously seek out new challenges and drive improvements. I am particularly enthusiastic about the opportunity to collaborate on innovative solutions that push the boundaries of what is possible, making a significant impact in the tech industry.

EDUCATION

BSc (Information Systems)

Singapore Management University

Aug 2023 - Aug 2027

Diploma in Business & Financial Technology

Nanyang Polytechnic

Apr 2020- Feb 2023

- CGPA: 3.80
- Received Director's List for Academic Year 2022/23, 2021/22, 2020/21 Semester 1 and 2
- Received Edusave Certificate of Academic Achievement in 2020, 2021, 2022, 2023

PROJECTS

CHATBOT

- Trained a Large language model chatbot, adjusted parameters, Integrated text translation API

FULLSTACK PROJECT

- Developed a food app using nodejs, specifically worked on the booking component. Integrated zoom into the booking system
- Attained a A grade for this project

BUSINESS INNOVATION PROJECT

- Developed a booking system within our web application using nodejs.
- Enabled financial analyst to generate virtual meeting links for appointments.
- Allowed users to book appointments with analyst through the system.
- Implemented separate dashboards for users, administrators, and analyst for data analysis
- Nominated for Outstanding presentation award and attained a distinction for this project

FINAL YEAR PROJECT

- Worked on a content recommendation with facial recognition and eye glaze project
- Created 4 machine learning models to predict the recommendation
- Used GUI to display the results
- Nominated for Outstanding presentation award and attained a distinction for this project

BUSINESS APPLICATION DEVELOPMENT PROJECT

- Used asp.net and c# to build up a peer tutor web application
- Built the appointment and booking system in the application
- Nominated for Outstanding presentation award and attained a distinction for this project

BUSINESS ANALYTICS DASHBOARD

- Build interactive visualisations on tableau dashboards to analyse if the demographic profile of Singaporeans' families affects their housing choices.
- Awarded a distinction grade for this project.

APP DEVELOPMENT PROJECT

- Programmed the account management system for the E-hospital website using Python and Flask.
- Attained an "A" grade for this project.

ACTIVITIES

PolyFintech 100API Hackathon

- Won third place under the Insurtech Category
- Ideated and prototyped a gamified health feature

AWS BuildOn 2022 Hackathon

- Won third place under the Tertiary Category
- Ideated and prototyped fashion recommender feature

PSA Code Sprint 2022 Hackathon

- Received certification of Participation
- Developed a employee skills management portal using asp.net

WORK EXPERIENCE

BUSINESS ANALYST INTERN

Accenture May 2022 - Sep 2022

- Supported senior business analysts in implementing application enhancements & facilitating application functional design workshops with clients.
- Assisted with application analysis & software testing, including system integration testing and analyzing test scripts from different testing cycles.
- Tracked defects to closure and maintained defect repositories up-to-date on Jira.
- Prepared test data using SoapUi & Python.
- Conducted data analysis & validation using Excel, including writing formulas and building pivot tables to organize and clean large datasets.