

TJANDRA PUTRA

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Internship availability: May 2022 - July 2022

EDUCATION

Singapore Management University

Bachelor of Science (Information Systems)

Singapore
Aug 2021 – Aug 2025
(Expected)

Nanyang Polytechnic

Diploma in Business Informatics (Merit)
Attained Dean's list for 4 semesters

Singapore
Apr 2018 – Apr 2021

EXPERIENCE

Nanyang Polytechnic

Software Engineer

Singapore
Jul 2020 – Sept 2020

- Gathered requirements, efficiently implemented process automation for human resource team, increased productivity
- Developed and designed an algorithm that classified and sorts emails with machine learning and automation
- Developed with: Python, UiPath, Data Science Libraries

Nanyang Polytechnic

Full Stack Engineer

Singapore
Mar 2020 – May 2020

- Developed and maintained a web application that used both back-end and front-end technologies
- Created a chatbot and a Learning Management System (LMS) with complete content management capabilities
- Built with: Python, Flask, HTML, CSS, Bootstrap, Javascript, Data Science Libraries

Freelance

Software Engineer

Singapore
Jan 2020 – Mar 2020

- Collaborated extensively with clients to deliver requirements in an incremental and iterative methodology
- Configured, managed domains and deployed applications
- Designed and built high-fidelity prototypes of the applications
- Obtained a high degree of customer satisfaction

SKILL

Languages: Python, Javascript, Python, PHP, HTML, CSS

Frameworks: React, Django, Flask, Bootstrap, Material UI

Databases: SQL, Firebase, MongoDB

UI/UX Design: Figma

Others: Git, GreenSock Animation Platform (GSAP), UI Path

Interpersonal: Critical Thinking, Creativity, Adaptability, Positivity, Collaboration

PERSONAL PROJECTS

Web Development: Anico Ecommerce

[Github](#)

Technology: React, GSAP, Python, Flask, SQL, Bootstrap, CSS, JS

A full-stack application that is attractive, simple, responsive, and feature-rich in order to boost process efficiency and improve customer experience

UI/UX Design: Shopee Ecommerce Concept

Technology: Figma

I participated in the Google Developer Student UX/UI Competition and improved the customer experience for the existing Shopee mobile application.

[Live Demo](#)

[Workflow](#)

Web Development: University Analysis

Technology: React, Real-time APIs, Chart.js, Material UI

A platform provides students with an insightful visualisation of analytics from a graduate employability survey conducted by six local universities in Singapore

[Live Demo](#)

[Github](#)

Web Development: Linkvine

Technology: Python, Flask, Amazon RDS, Amazon S3, Amazon Elastic Beanstalk, CSS, JS, Bootstrap

A platform that allows you to create a personalised and easily configurable page with all of the relevant links you want to share with your audience

[Live Demo](#)

Username: testuser, Password: password

ACADEMIC PROJECTS

High Fidelity Prototyping: Sniffy

Technology: Figma

Created a high-fidelity, interactive prototype of a Pet Grooming Ecommerce website. My objective was to improve the experience of customers and their pets through practical concepts, UI and UX design.

This project was awarded *distinction*

[Live Demo](#)

CO-CURRICULAR ACTIVITIES

Singapore Management University

SMU Artificial Intelligence Club

- Active member of SMU AI Club and participated in various workshops

SMU Student Developer Club (DSC)

- Participated in SMU DSC UI/UX Competition 2022 using Figma Technology and collaborated with team member

Nanyang Polytechnic

Student Organiser for Freshmen Orientation, School of Information Technology (SIT)

- Collaborated with club members to create fun, physical, and innovative activities to foster a highly dynamic and engaging environment for freshmen
- Collaborated with club advisors and proposed game ideas

Peer Tutor for Computing Mathematics and Programming

- Volunteered to be a student mentor and helped other students with their assignments and clarifications on certain concepts

Student Ambassador for CITI Demos Setup

- Tasked with the responsibility of configuring computers for visiting guests to use

Workshop Participations

- Academic Workshops: AWS IoT, AWS Cloud Serverless, DSC Kotlin, DSC Tech Week,
- Non-Academic Workshops: MIT T-Shirt Design Competition, MIT Soap Making, Cross Cultural Symposium