

FANNISA FAHMI

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EDUCATION

Singapore University of Technology and Design (SUTD)

Bachelor's degree in Engineering (Engineering System and Design)

Singapore
Sep 21 to May 25

- Specialising in Business Analytics and Operations Research, Supply Chain and Logistics

Nanyang Technological University (NTU)

Summer Program

Singapore
June to July 22

- Completed 2 courses: CS2400 – Foundation of Info Analytics and EE4483 – Artificial Intelligence and Data Mining

WORK EXPERIENCES

Digital Place Ventures Pte. Ltd.

Internship, Research and Development

Singapore
Aug 23 to Dec 23

- Supported the team by actively enhancing codebase, addressing bugs, optimising functions, and implementing feature updates.
- Leveraged machine learning models to refine supermarket inventory optimisation planning system for accurate forecasting.
- Conducted data analysis and visualizations to assess and enhance model performance, using Python and its Matplotlib library.
- Leveraged Google Cloud for VM access and team repository management, JIRA and Confluence for task coordination.
- Managed weekly progress tracking as Scrum Master and led new intern onboarding for seamless integration.

PT. Indonesian Cloud, Cloud Computing Service Provider

Internship/Apprenticeship, Social Media Analytics

Jakarta, Indonesia
Dec 22 to Jan 23

- Compiled and analyzed social media data using internal dashboarding tools to create accurate social media reports, focusing on sentiment analysis, demographic trends, issue identification, and performance analytics for external businesses and public figures.
- Presented findings through PowerPoint and Excel, delivering actionable insights for clients' strategic decision-making in branding, reputation management, and future campaign planning.

ORGANISATIONAL AND CO-CURRICULAR ACTIVITIES

Secretary – SUTD Mechanical Designer Club

Feb 23 to Feb 24

- Manage the club's record and membership registry and supported CAD design modelling workshops and events.

Volunteer – Uni-Y Singapore, Y Craft it!

Jul 23 to Nov 23

- Engaged in volunteer activities through arts and crafts with intentional mentoring to nurture young children.

Secretary – Wardaya Toastmasters Club

Jan 19 to Nov 21

- Planned and executed various toastmasters' meetings and events, managing administration and external communications.

ACADEMIC PROJECTS

Capstone Project: Predictive Analytics Dashboard – with Johnson Controls

Sep 24 to Present

- Collaborated with cross-functional teams to develop a predictive analytics dashboard integrating SAP and Salesforce data for performance tracking, featuring a Python forecasting model, key metrics, and drill-down feature for in-depth data analysis.
- Lead end-to-end data tasks which includes extracting data via SQL queries on Snowflake, identifying key metrics to guide CS team predictions, and building an interactive Power BI dashboard.

Investment Portfolio Simulation

Mar 24 to April 24

- Worked with a team to develop an interactive investment simulation tool to teach strategy creation through adaptive simulations for various risk profiles, asset allocations, and market conditions.
- Engineered front and backend using HTML, JavaScript, and Bootstrap, also contributing to project conceptualization.

RShiny Game Development Project: Housing Hustlers!

May 23 to Aug 23

- Developed an RShiny game with a team on strategic resource management for urban planning, simulating HDB and office development in Singapore to address land scarcity through in-game construction and leasing timelines.
- Led and developed the front-end design of game interface using RShiny and CSS, integrating SQL for user records.

Sales Analytics and Forecasting Dashboard – with TSH Synergy PTE. LTD.

Jan 23 to Apr 23

- Collaborated with a team to create a sales visualization dashboard, encompassing a forecasting model utilizing R, prominent metrics, and a drill-down feature to accurately track monthly sales performance.
- Implemented backend development and data visualization using Highcharts Js, Python, HTML, and the Flask web framework.

ADDITIONAL INFORMATION

- Skills: Python, pandas, TensorFlow, SQL, R, RShiny, HTML, Microsoft Office (Excel, Word, PowerPoint), Julia, Highcharts Js, Power BI, Google Cloud Platform, Snowflake, Git, Linux
- Languages: Fluent in English (Native/Bilingual Proficiency; IELTS 7.5) and Indonesian (Native Proficiency)