

DENNIS HARDIANTO

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ACADEMIC QUALIFICATIONS

Singapore Management University (SMU)

Singapore

Bachelor of Science (Information Systems)

Aug 2021 - Present

- Dual Track in Business Analytics and Digitalization cloud solutions
- Relevant Course Work: Computational Thinking, Data Management, Web development, Business Process Analysis Solution, Social Analytics, Data Mining and Business Analytics, IT Solution Architecture, Digital Transformation Strategy, Software Project Management
- Expected Graduation Date: December 2024

Tunas Muda School

Jakarta, Indonesia

International Baccalaureate Diploma

Jul 2018 - May 2021

- Relevant Coursework: Higher Level Business Management, Higher Level Physics, Standard level Computer Science, Mathematics Analysis and Approaches

EXPERIENCE

Aboitiz Data Innovation

Singapore

Software Engineer

Jan 2024 - Apr 2024

- Achieved ~9% Mean Absolute Percentage Error in property price predictions through integration of advanced machine learning models within a web application for real estate valuation
- Implemented a user-friendly platform with NextJS for front-end and FastAPI on Digital Ocean, ensuring high availability, scalability, and seamless integration of machine learning models

VFlowTech

Singapore

Product Management Intern

May 2023 - Nov 2023

- Developed product plan and milestones, execution of project and coordination with other departments, and preparing product report and visualization of status
- Communicate with stakeholders, obtain stakeholder engagement to ensure end products or processes will solve related challenges, including product status, roadblocks, and escalations to the Product Manager and Management

SMU Academy

Singapore

Student Assistant

Jul 2022 - Present

- Facilitate Course support for SkillsFuture funded courses for working professionals in partnership with the Government for Technology and Intelligent Systems, Service, Operations, and Business management courses
- Conduct compilation of attendance, assessments, evaluation reports. Approving and verifying participants registrations. Setting up of units in learning management system. Creation of administrative documents.

PROJECTS

Data Mining and Business Analytics Project

Singapore

Analyst

2023 - 2023

- Cooperated with team of 6 students to execute data analysis and strategies for hotel prediction to predict guest satisfaction using Python Libraries, applied data cleaning and preprocessing to a large data set of hotel transactions
- Achieve an accuracy of 98% among best models used with ensemble model methods and classifiers, devised recommendation and result to strategize for most influential aspects from guest reviews and scores

Social Analytics Project

Singapore

NLP Analyst

2023 - 2023

- Executed a comprehensive social media content analysis project for NTUC Fairprice, optimizing presence on Facebook, Instagram, LinkedIn, and Reddit.
- Employed advanced analytics techniques, including content trend analysis, sentiment analysis, and competitor analysis, resulting in a 35% increase in overall engagement metrics for Fairprice

IT Solution Architecture

Singapore

Developer

2023 - 2023

- Partnered with Ascenda, to create a high-caliber software solution adhering to ISO 25010 quality indicators, ensuring robustness, security, and maintainability of system.
- Leveraged AWS cloud services extensively to design and deploy a scalable infrastructure, enhancing software's performance and enabling seamless handling of increased workloads.

TECHNICAL SKILLS

- Programming: Python | Java | PHP | Javascript | SQL | R | HTML | CSS | Bootstrap | SCRUM
- Tools: Microsoft Office | Trello | Slack | Figma | Jira | Github | BitBucket