Nannapat Satayarak

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GitHub: https://github.com/nannapat333/Portfolio

Third-year Digital Engineering student with strong foundations in Python, Java, and SQL. Experienced in software development, data analysis, and process modeling. Currently expanding expertise in Big Data Analytics, Hadoop, and PySpark. Adept at problem-solving, teamwork, and independent research. Fluent in Thai and English. Passionate about leveraging data-driven solutions in digital technology and technology consulting. Eager to gain practical experience and keen to learn from the internship.

EDUCATION

Sirindhorn International Institute of Technology (SIIT), Thammasat University   *Aug 2022 - Present*
- **Data Science major, Digital Engineering, CGPA: 3.63** (5 semesters)
- **4-Year continuing half scholarship for Academic Outstanding Students**

Relevant Courses: Object-Oriented Programming, Data Structure and Algorithms, Digital Business Experience, Database Programming Laboratory, Database Systems, Engineering Statistics

In Progress Courses: Big Data Analytics, Blockchain Development, System Analysis and Design, Statistics and Data Modeling, Entrepreneurship for Digital Business, Computer and Network Security

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PROJECT

- **Buzzer Smacking Game**: *View Project in Github*   *Mar 2023 - Apr 2023*
  - Developed an arcade-style game in Java, applying OOP principles and event-driven programming.
- **BPM of construction company:** *View Project in Github*   *Sep 2024 - Nov 2024*
  - Analyzed business process models using Camunda to enhance workflow efficiency and operational effectiveness.
- **SuperSoul**: *View Project in Github*   *Oct 2024 - Nov 2024*
  - Built an e-commerce platform using SQL, PHP, HTML, and CSS.
  - Designed and implemented an ER diagram in DBMS and documented the project plan.
- **StudyBoostAI**: *View Project in Github*   *Nov 2024*
  - Designed an EdTech app prototype in Figma, integrating business insights with digital technology.
  - Conducted market research to validate the business model and user needs.

CERTIFICATE

- **Chula MOOC : Python for Data Science**
  Gained knowledge in data analysis and visualization using Numpy, Pandas, and Matplotlib as well as practical experience in social media data retrieval and analysis.
- **Chula MOOC : Attacking the Real World with Python**
  Gained knowledge in applying python to data visualization and AI. Newly introduced to Monte Carlo simulation, OpenAI Gym and Seaborn.

EXTRACURRICULAR ACTIVITY

- **First-Aid staff of TU Freshy Games (2022)**: *Ensured safety and coordinated with medical teams*
- **Staff of Songkran Events for SIIT personnel (2022)**: *Assisted in coordinating and executing the event*
- **International Student's Buddy (2024)**: *Took care of Burmese student for one semester*
- **PEAKathon (2024)**: *Attended the P&G's PEAKathon in 1st round*
- **Staff of CPE-DE Orientation (2024)**: *Facilitated the registration process for 2nd year students*

SKILL

LANGUAGES: Thai (Native), English (IELTS 7.0, taken once in 2021)
TECHNICAL SKILLS: Python, Java, MySQL, PHP, HTML, CSS, Camunda, Figma, MS Office Suite, *PySpark (in-progress)*
HARD SKILLS: Database Management, Business Process Management, Programming, Wireframing & UX/UI
SOFT SKILLS: Teamwork, Problem-Solving, Analytical Skills, Fast Learner, Open-minded, Presentation