

WALTER TAN YONG RAY

DATA SCIENTIST

CONTACT



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<https://legoland123.github.io/Walter/>



Singapore, Singapore

SKILLS

Hard Skills

- Python (Pandas, NumPy, Matplotlib)
- Android Studio (Java)
- C#
- Excel
- SQL
- SAP
- Visualization Tools (PowerBI, Tableau, TIBCO)

Soft Skills

- Leadership
- Problem Solving
- Presentation

EDUCATION

Diploma in Data Science

Ngee Ann Polytechnic (2022-2024)

CCAs:

NP Tennis
NP ICT Society
NP ERC
NP FoodAid

Leadership positions:

Module Representative

Awards:

- Top 8 Finalist in Penta Hackathon
- Director's List (Oct Semester AY2022/2023)

O Level's

Yuan Ching Secondary (2017-2021)

CCAs:

Cross Country

Leadership positions:

Class Vice Chairman

Awards:

Edusave Academic Achievement Award 2021

PROFILE

Hello! My name is Walter and I am currently a year 2 Data Science student who is enrolled in Ngee Ann Poly. I am an aspiring data scientist who is proficient in different programming languages. I am skilled in Python, C# and Java and also am familiar with software such as PowerBI, Tableau, TIBCO, Adobe Photoshop and Adobe Illustrator. In the future, I want to be a Data Scientist who will make an impact on the world.

WORK EXPERIENCE

Field Surveyor at Grab, Singapore

December 2021 - February 2022

- Conduct immersive market research
- Build and develop insightful data on the industry
- On the go note-taking
- Administrative duties

SCHOOL PROJECTS & ASSIGNMENTS

Pawgress

Mobile Application Development

August 9, 2023

- Developed Pawgress, a productivity app using Android Studio and Java.
- Worked with a team to integrate task management with gamification elements, allowing users to curate tasks, earn in-app currency, and care for a virtual pet.
- Utilized Java for task tracking and user interactions, creating an engaging and rewarding experience.
- Successfully integrated APIs, specifically Firebase to securely store and manage user credentials, and account information.
- Designed user interfaces using XML and ensured seamless functionality integration.
- Conducted testing and optimization to enhance app performance.

Playstore Link:

<https://play.google.com/store/apps/details?id=sg.edu.np.mad.pawgress&pli=1>

Github Link:

<https://github.com/MAD2023-Team2/Pawgress>

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LANGUAGES

English

Chinese

COMPETITIONS

Penta Hackathon 2023

Placing: Top 8 Finalist

- Penta Hack is an AI-powered hackathon competition organised by the AI Student User Groups from all 5 polytechnics. Represented Team NP against teams from other polytechnics and universities

- I had the privilege of leading a team of five individuals in tackling the challenge. In this role, I utilized my leadership and teamwork skills to guide our group towards devising AI-powered solutions for helping education. Over the course of the hackathon, my responsibilities included ensuring that we met all project milestones within the designated timeframe, assigning tasks that best suited each team member's skills, ensuring a balanced distribution of work.

More Information

<https://legoland123.github.io/Walter/PentaHack.html>

VOLUNTEERING

NP FoodAid

Food Rescue #2 (2023)

Aid food insecurity and raise awareness on food wastage

NP ERC

SG Clean Day (2023)

Volunteer for the largest cleaning event held at the Singapore F1 Pit Building.

SG Clean Shore: Pasir Ris (2023)

Helped to clear litter and contribute to the preservation of beaches and wildlife in Singapore