



CLAYTON THIA

DATA SCIENCE STUDENT @ NP



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Github

[cccclayton](#)



LinkedIn

[Clayton Thia](#)

Technical skills

- Python
- C#
- Java
- SQL
- PowerBI
- Tableau
- Excel
- SAP Analytics Cloud
- SAP S4/HANA
- Android Studio
- Alteryx

Soft skills

- Adaptable
- Team player
- Communication
- Takes initiative
- Critical Thinking
- Leadership

About Me


Currently in my final year as a data science student, I have built a foundation on the core aspects of a data scientist with programming, data visualization and machine learning projects. However, these projects are assigned to me and are fictitious in nature thus I am eager to apply my knowledge in real-world situations, and seeing the fruits of my labour.

Experience

Starbucks | March 2023 - Oct 2023  *HometeamNS Bukit Batok*

Part-time Barista

- Making of drinks for customers, daily maintenance of bar
- Team-based environment, make sure bar is in appropriate condition to handover to next shift
- Learned to work in a team under pressure, and demonstrate social skills

Hans im gluck | Jan 2022 - March 2022  *Raffles Place*

Part-Time Guest Service Associate (Waiter)

- Serve customers, handle reservations and daily cleaning of restaurant
- Other ad-hoc duties
- Learned to communicate and relay information, as well as integrity when making a mistake

Education

2022 - Present Ngee Ann Polytechnic

Diploma in Data Science

- Minor in Entrepreneurship
- Certification in Advanced Computing Mathematics

Related coursework:

- Programming 1 & 2 (Python, C#)
- Data Discovery and Visualization
- Databases
- Data Wrangling & Machine Learning
- Applied Analytics
- Data Exploration and Analysis
- Agile DataOps
- Distributed Data Pipelines

2018 - 2021 Westwood Secondary School

GCE 'O' Levels

- Net L1R4 of 14
- Vice President of Robotics CCA

2012 - 2017 St. Anthony's Primary School

PSLE

- CCA Leader of Band CCA

Languages

Chinese 

English 

Awards

- Edusave Scholarship 2021
- Edusave Merit (Top 25%) 2020
- JA STEM in Energy | JA Singapore, ExxonMobil 2019
- Edusave Good Progress Award (Top 10%) 2018
- Essence of Leadership Workshop | High Achievers 2018
- Band Leader Certificate 2016-2017

Certificates

- [Power BI Data Visualization and Dashboard Tips, Tricks, & Techniques](#)
- [Power BI Data Modeling with DAX](#)
- [Creating Interactive Tableau Dashboards](#)
- [Predictive Analytics Essential Training: Data Mining](#)
- [Enterprise Thinking Practitioner](#)
- [Alteryx Foundational Micro-credential](#)
- [Professional Scrum Master™ I](#)

Referrals

- [Mike Wee](#)
Course Chair
Ngee Ann Polytechnic

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Relevant Projects

Credit Card Churning

Data Visualization

- Form an actionable report based on insights gained from data discovery, exploration and visualization.

Supermarket Sales Prediction

Machine Learning

- Utilized Data Wrangling techniques on a Supermarket dataset to form a model that predicts the sales of a supermarket

Tuning ML models

Machine Learning

- Tuning hyperparameters using GridSearch, as well as comparing and evaluating tuned models using performance scores

Database Creation

Databases

- Created a SQL database for a library system using database management techniques

Bus Arrival Timings

Data Pipelining

- Whole process from data ingestion to simple front-end visuals utilizing tools like Alteryx, APIs, Google Sheets and Power BI

Community Service and CCAs

Community Service

Service Learning @ Radin Mas CC

Ngee Ann Polytechnic | *July 2023*

- Introduced the elderly to the concept of AI and its possible daily applications in life, as well as teaching them how to use ChatGPT

CCA (Outreach for ICT)

ICT Freshman Orientation - Group Leader

Ngee Ann Polytechnic | *April 2024*

- Demonstrated social skills to interact with participants and settle them in with their new classmates

ICT Xplore: Decrypted - Game Master

Ngee Ann Polytechnic | *September 2023*

- Clear communication to make sure participants knew how to play