Wang Wei Long

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🎓 EDUCATIONAL BACKGROUND

2018-2021	**DIPLOMA IN BIG DATA MANAGEMENT & GOVERNANCE, TEMASEK POLYTECHNIC, SCHOOL OF INFORMATICS & IT** • Attained distinctions(A) for 11 subjects
Jan 2014 – Dec 2017	**Junyuan Secondary School** • GCE 'O' Level Certificate with 4 Distinctions • Attained Distinctions for Principles of Accounts, Chinese, Combined Science (Biology & Chemistry), Combined Humanities (History + Social Studies) • IT Representative

SKILLS

Programming Languages: Python, R, HTML, CSS, SQL
Software: QlikView, QlikSense, Microsoft Office Suite, Tableau, Microsoft Visual Studio, RStudio, Oracle VM VirtualBox, Power BI, Orange

PROJECT EXPERIENCE

2018 – Present

- Developed an Analytical dashboard for a project involving visualizing and providing insights into crime rates for use by the Denver Police force using Tableau and Microsoft Excel.
- Developed 2 Python projects using Visual Studio Code to simulate the fundamental concepts of the built-in functions in Python by defining and working on functions for a Stack, Linked List, and a Queue.
- Applied Analytical Thinking skills when troubleshooting errors in coding and development projects.
- Demonstrated conceptual skills by compiling research materials and writing down findings and analysis for project reports
- Applied logical thinking skills when conceptualizing and ingest/internalizing the project specifications and linking it back to the real-world applications to identify factors and elements to understand the business scope better.
- Utilized RStudio for a project and applied correlation analysis, clustering, Linear regression, and basic visualization techniques to identify reasons for customer churn.

💼 WORK EXPERIENCE

Feb 2021 – April 2021   **Ninja Chirashi**

- *Assisted in preparing up to 50 meals per hour during busy periods.*
- *Processed an average of 30 customer orders per hour with 100% accuracy.*
- *Reduced inventory waste by 25% by implementing a weekly restocking schedule*
- *Learned to fillet and prepare 3 different types of fish to meet customer demand with efficiency*

July 2020 – Jan 2021   **Infineon – Master Data Intern**

- Maintained and updated over 50 operational reports with 90% accuracy rate
- Identified and corrected errors in over 10,000 records, improving data accuracy by 95%

- Led a project to automate reporting using Tableau and UiPath, resulting in a 300% increase in reporting frequency and saving 300 hours of work each week
- Collaborated on multiple support projects, resolving 50+ data issues per week and reducing query response time by 40%
- Processed over 150 requests per week with 100% accuracy rate

Dec 2018 – Jan 2020   **O Coffee Club - Service Crew**
- Maintained hygiene by ensuring the cutleries and dishes are sterilized
- Provide advice and guidance on cuisine and drinks selection to customers
- Possess good knowledge of the menu and promotions
- Developed a customer service mindset by taking customer's orders effectively with minimal errors
- Developed the ability to communicate effectively with people from different cross-cultural backgrounds by serving customers at the Changi Airport branch of the O' Coffee Club chain of restaurants.

LANGUAGE PROFICIENCY
Highly proficient in both written and spoken English and Chinese

CCA/COMMUNITY SERVICE

2020   **Big Data Analytics Student Interest Group – Secretary**
2019   **Community Service**
- Taught the seniors at Vanguard Senior Care how to use a mobile application
- Interacted with seniors to improve their physical and emotional health.
- Interacted to help them stay updated.

Digital Clinic
- Taught the seniors at Downtown East for an event on how to use applications and services on their mobile application.
- Cleared their doubts regarding the recent spade of scams and digital misuse.
- Shared some tips on digital awareness and security on online transactions, phishing and spoofing.

2014 – 2017   **Robotics & Infocomm Club**
- Took part in several competitions representing Junyuan Secondary School.
  - First Lego League (FLL 2015, 2016)
  - East Zone DSTA-DSO Robotics Challenge (2015)

ACHIEVEMENTS

2020
- Director's List, School of Informatics & IT AY2019/2020
- Edusave Merit Bursary
- CCA Merits Award 2020

Coursera
- Successfully completed 'Introduction to Social Media Analytics' Course
- Successfully completed 'Power Bi Essential Training' Course
- Successfully completed 'Processing Text with R Essential Training' Course
- Successfully completed 'SQL Essential Training' Course
- Successfully completed 'Text Analytics and Predictions with R Essential Training' Course

2019
- Secured a spot in the finals for SUSS Analytics and Visualisation Challenge
- Nominated as the Secretary for Course Interest Group for the 2019/2020 academic year
- Secured a spot in the top 10 for NCS EDMS Hackathon

2017   4 Distinctions & Top in Principles of Account (POA) in "O" Levels
2016   University of New South Wales Digital Technologies Competition

REFERENCES

Ms. Ho Li Chin
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