

ZACHARY LEONG YAO JIE

Data Analyst

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Career Objective

- Continuously seeking to expand my knowledge, I am driven by a passion for learning and innovation, aiming to contribute impactful advancements in the technology sector
- Eager to apply a pragmatic approach, focusing on effective solutions with swift results, leveraging my strong commitment to streamline and optimize.

Work Experience

Data Analyst, Data Migration, Software Engineer
Octopus8, Singapore

Aug 2023 - Oct 2023

- Handled large data migrations for clients (including data cleaning and prepping)
- Created dashboard analytics to bring intuitive insights to clients' fingertips mainly focusing on financial and CRM system insights
- Create programs that sped up data processes by 30%
- Effectively engage clients, and ensure successful completion of projects and closure of deals
- Generated sales content to for future lead generation
- Built API applications that are currently implemented on live websites

Team Lead, Data Entry

Feb 2022 - Apr 2022

IPG Howden Insurance Broker, Singapore

- Directed a team of 7 interns, enhancing team dynamics and project outcomes
- Streamlined the client's data for improved accessibility and management
- Established and applied a structured approach that quadrupled data entry productivity
- Designed a case study PowerPoint aimed at teaching and training clients

Education

Diploma in Applied Artificial Intelligence and Analytics
Singapore Polytechnic, Singapore

Apr 2022 - Present

- Represented Singapore Polytechnic in an overseas exchange program with Binus University (Jakarta)

Singapore-Cambridge General Certificate (GCE O-Level)
Anglo Chinese School(Barker-Road), Singapore

Jan 2018 - Dec 2021

- Robotics (Vice Chairman)
 - Secured First Place for the 'Best Code' Award at the Local Robotics Competition, IDE2020 (VRC)
- Boys Brigade (Admin and Publication NCO)
 - Attained the highest rank of Warrant Officer
- Obtained "Enthusiasm" and "Encouragement" Level Awards

Extracurricular Activities

Rock Climbing - SRock

- Biweekly rock-climbing session

Game Jam - Game Off 2023

- Created the map design and digital assets used for in the game
- Programed the player's movements

ESports(Valorant) - DreamerC Team

- Competed in Premier competition, winning 5 games

Expertise

Programming Languages:

Python, Javascript, HTML, CSS, Lua, Arduino C++

Artificial intelligence:

Orange, Scikit-Learn, Keras, Tensorflow, Pytorch

Data Analytics:

Tableau, Microsoft Excel, Zoho One(CRM System), Pandas, Numpy, Seaborn, Matplotlib, Plotly Express, PlotlyGo

Software Development:

Git, Docker, Amazon Webservices, NodeJS, ExpressJS, NodeJS, Flask, Jinja, Bootstrap

Database:

MySQL, Microsoft SQL, SQLite, MongoDB, Microsoft Excel, Zoho One(CRM System)

Certification

Tableau: Tableau Desktop Specialist

- Foundational skills and understanding of Tableau Desktop

Google: Advanced Data Analytics Professional Certificate

- In-demand skills for advanced data analytics roles

AISG: AI4I - Literacy in AI

- Introduce modern AI technologies and applications, providing a solid understanding of the concepts in artificial intelligence

GIZ & PAGE: Sustainable Finance

- Sustainable Finance, emphasizing the triple bottom line approach, which measures economic, environmental, and social returns

Datacamp:

1. Supervised Learning with Scikit-learn
2. Deep Learning with Keras
3. Cleaning Data with Python
4. Data Visualization with Plotly & Seaborn

Reference

Mr. Lawrence Luan

- Adjunct Lecturer & CEO of Octopus8
- 71 Ayer Rajah Crescent, #04-01, Singapore 139951
- +65 9628 9777

Mr. Chai Chee Ming

- General Manager of Octopus8
- 71 Ayer Rajah Crescent, #04-01, Singapore 139951
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