

Shawn Chairattanamanokorn

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Technical Skills

Languages: Python, SQL, R

Libraries: Pandas, Numpy, Plotly, Matplotlib

Tools: Power BI, Tableau, Excel, Git

Database: MySQL, SQLite

Education

University of Melbourne

Master of Data Science, WAM: 74%

Thesis: ACDS LIII Data Mining Project

Melbourne, Australia

Feb 2022 – Dec 2023

University College London (UCL)

BSc Computer Science, First Class Honours

Thesis: An Empirical Study of Test-Suite Adequate Human-Written Patches

London, United Kingdom

Sep 2018 – Jul 2021

Experience

LIII Data Analysis (in collaboration with Arpana)

Data Analyst | University of Melbourne

Melbourne, Australia

Mar 2023 – Nov 2023

- Developed a **Power BI** dashboard to track dosimetry audits for clinics and hospitals across Australia, improving visibility and data understanding, as well as eliminating manual reporting tasks previously done in Excel
- Applied PCA and K-Means Clustering using **R** and **Python** to uncover hidden patterns in the data, providing actionable evidence to support the client's research hypothesis
- Delivered weekly project updates and visual findings in a team of 4, supporting ongoing stakeholder engagement

The Florey Institute of Neuroscience

Data Analyst Intern

Melbourne, Australia

Aug 2022 – Oct 2022

- Implemented a standard process for data cleaning and exploration in order to improve the efficiency of subsequent Alzheimer's data analysis (Python, R)
- Identified top 10 comorbidities associated with Alzheimer's Disease (e.g. hypertension) from U.S. patient dataset

CarerCare Industrial Project (in collaboration with NHS Great Ormond Street Hospital)

Software Programmer | UCL

London, United Kingdom

Apr 2020 – Sep 2020

- Conducted 10+ user interviews to gather feedback on the health web-app prototype's usability, incorporating findings to design a more user-friendly UI
- Created an interactive web-app displaying average well-being scores by postcode using JavaScript, HTML, and CSS, real-time data integration via Node.js, Express and Linode
- Built a collaborative report presentation website using Bootstrap and HTML

Activities

Amora Jamison Sydney

Casual Guest Service Agent

Sydney, Australia

Mar 2025 – Present

- Delivered front-desk service at a 415-room, 5-star luxury hotel, managing guest check-ins, inquiries, and daily operations, developed strong understanding of service delivery and client needs
- Resolved over 100 service requests daily and coordinated with various teams for smooth experience

Zhejiang University

Intermediate Mandarin Language Studies

Zhejiang, China

Mar 2024 – Jan 2025

- Completed Intermediate Mandarin course with focus on speaking and listening skills
- Emerged fully in a Mandarin speaking environment and culture, gained a strong understanding of people from different backgrounds and cultures

Books and Interests: The Courage to be Disliked, Tuesdays with Morrie, Cycling