Shawn Chairattanamanokorn

Barangaroo, NSW 2000 • siwat.chaira@gmail.com • 0431969982

https://www.linkedin.com/in/siwat-chaira• https://siwatchairat.github.io/shawnchaira

Technical Skills

Languages: Python, SQL, R   **Tools: Power BI**, Tableau, Excel, Git
Libraries: Pandas, Numpy, Plotly, Matplotlib   **Database:** MySQL, SQLite

Education

University of Melbourne   Melbourne, Australia
Master of Data Science, WAM: 74%   Feb 2022 – Dec 2023
Thesis: ACDS LIII Data Mining Project

University College London (UCL)   London, United Kingdom
BSc Computer Science, First Class Honours   Sep 2018 – Jul 2021
Thesis: An Empirical Study of Test-Suite Adequate Human-Written Patches

Experience

LIII Data Analysis (in collaboration with Arpansa)   Melbourne, Australia
Data Analyst | University of Melbourne   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   Melbourne, Australia
Data Analyst Intern   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)   London, United Kingdom
Software Programmer | UCL   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   Sydney, Australia
Casual Guest Service Agent   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 service requests and coordinated with various teams to ensure smooth guest experience

Zhejiang University   Zhejiang , China
Intermediate Mandarin Language Studies   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