

Leow Zan Ping

8678 7250 | zanping97@gmail.com | linkedin.com/in/leowzanping/

Seeking to leverage Python to support and optimize ML/AI engines critical for the organization and to effectively fill the Data Science Intern position. Driven to learn and work hard to demonstrate a solid understanding and expertise in the industry. As of this date, I am available for full-time employment.

Skills

Bilingual (English & Chinese) • Effective communication • Active listening • Problem-Solving • Anaconda Navigator • Python • Jupyter • Visual Studio Code • Machine Learning • MATLAB • Word • Excel • PowerPoint • C • Data Collection and Analysis • ChatGPT • Artificial Intelligence • GitHub • Deep Learning

■ Beginner/Intermediate Level | ■ All professional proficiency or above

Education

Vertical Institute Singapore (VIS) | Data Science Certificate *Feb 2023 - Mar 2023*

- Relevant Coursework: String Methods and Control Flow, Numpy and Pandas, Data Visualization, Data Cleaning, Visualization and EDA, Introduction to Machine Learning & Feature Scaling, Supervised Learning - Classification Models, Models Evaluation and Hyperparameter Tuning

National University of Singapore (NUS) | Bachelor's Degree (Biomedical Engineering) *Aug 2019 - Jan 2023*

- Relevant Coursework: Introduction to Machine Learning, Bio-Engineering Data Analysis, Medical Imaging System, Biomedical Engineering Dissertation
- Dean's List Awardee, GPA: 4.00/5.00

Projects

- **Car Case Study at VIS:** Trained and tested a Linear Regression Model using car features and price data to calculate the accuracy score of Root Mean Square Error and R^2 score
- **Breast Cancer Case Study at VIS:** Programmed a Decision Tree Model and K-Nearest Neighbors Model and evaluated the precision, recall and accuracy for breast cancer diagnosis
- **Medical Imaging Project at NUS:** Investigated and presented Photoacoustic Imaging (PAI) for breast cancer, showcasing its high sensitivity, specificity, and accuracy by utilizing research papers

Experience

Tan Tock Seng Hospital | Research Assistant (Part-Time) *Sep 2023 - Feb 2024*

- Compiled three weeks of patient's information into a Microsoft Excel for data tracking while ensuring dementia patients are correctly assessed by messaging doctors through TigerConnect which resulted in 50 patients to be correctly assessed that allows the doctors to conduct Advance Care Planning discussions before discharge

JMS Singapore | QAC Controller *Mar 2023 - Jun 2024*

- Compiled 20 Post-Market Surveillance PowerPoint slides that displayed quality trends of different medical device complaints from 2019 to 2023 for TUV audit preparation using Microsoft Excel, resulting in zero audit findings for QAC complaints department
- Collaborated with 10 QAC department personnel to produce Monthly Sales PowerPoint slides for superiors that contains quality trend of medical devices of every month during production and after-market release. Superiors are able to target non-conformities that reduces material cost wastage by 10 to 15%.

AbbVie Operations Singapore Pte Ltd | Biotech Validation Engineer Intern *Sep 2016 - Feb 2017*

- Drafted interior warehouse design of 1323 warehouse pallets for C&Q engineers by using PowerPoint for a visualization for amount of space available to store equipment that prevented two weeks of process delay