**Lily Zhou**

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**Summary**

Highly motivated and talented individual with passion to change my career path to the IT industry. Recently completed study in AI Machine Learning from Monash College. Proficient in Python, Matlab, Weka, SQL, JavaScript, HTML, and CSS. Strong background in data mining, analysis, and visualization. Skilled in algorithms, data structures, data analysis, data visualization, neural networks, and AI model training with fine-tuning techniques.

Previously a store manager for 10 years, with excellent communication, problem-solving, and team coordination skills. Proven ability to deliver high customer services and effectively resolve issues.

Able to work in a fast-paced environment. Desire to learn and develop my technique. Seeking an entry level IT role to complement my skills and career.

**Skills**

* Strong programming skills in Python
* Proficiency in using Matlab for data analysis and machine learning tasks
* Proficiency in using Weka for data mining and machine learning tasks
* Experience with JavaScript, HTML, and CSS for building interactive and visually appealing data visualizations
* Familiarity with SQL
* Strong problem-solving and critical thinking skills
* Excellent communication and interpersonal skills
* Proven ability to deliver excellent customer service and effectively resolve issues
* Strong team coordination and leadership skills

**Certifications and Achievements**

* Microsoft Certified: Azure AI Engineer Associate
* [MYOB’s Protégé Developer Virtual Experience](https://credentials.prosple.com/verifier?id=174993f3-b320-4ac5-9700-fce38971d98e&dbl=to) Certificate
* Python 5 Star Gold Badge on HackerRank
* Problem Solving 4 Star Silver Badge on HackerRank

**Projects**

1. Exploratory Data Analysis and Regression: Air quality dataset analysis and humidity prediction

Monash College May 2022 - Aug 2022

Use both linear and non-linear models to predict the absolute humidity by giving a temperature. Compare the prediction results from partially cleaned data and mostly cleaned data.

* Tool: Matlab
* Technique: Data Cleaning, Data Analysis, Data Visualization, Regression Analysis

1. Neural Network: Image Classification Model for Symbol Recognition

Monash College May 2022 - Aug 2022

Trained an image classification model to recognize symbols (circle, cross, square, and triangle). Achieved higher than 90% accuracy.

* Tool: Weka
* Techniques: Dataset Creation, Neural Networks, AI Model Training, Fine-Tuning

1. C#: 3-Move Action Game

Box Hill Institute March 2023

Created a “Rock, Paper, Scissors” game, which allows the players to input their names. Display player names as well as game instructions during the game. Calculate scores and announce winner’s name when a game finishesTools: Visual Studio Code, GitHub

* Tools: Visual Studio Code, GitHub
* Technique: C#

1. Web Development: Personal Website for Career Marketing

Personal Project Dec 2022 - Jan 2023

Built up my personal website to introduce my skills, education, work history, and projects that I have done. URL: [zhouyijie.com](http://zhouyijie.com/)

* Tools: Visual Studio Code, GitHub
* Techniques: HTML, CSS，JavaScript, Web Deployment

**Education**

* Certificate III in Information Technology

Box Hill Institute | 2023

* Introduction to Machine Learning

Monash College | 2022

* Master of International Business

La Trobe University | 2010-2011

* Bachelor of Economics

La Trobe University | 2008 - 2010

**Work History**

* **Store Manager/Optical Dispenser**
  + **1001 Optical** | May 2015 - Present (8 years +)
    - Opening and closing.
    - Overseeing the daily operations of the store.
    - Task arrangement.
    - Motivating the team to achieve the weekly and monthly target .
    - Roster management.
    - Recruiting and training new staff.
    - Cost control.
    - Stock control and presentation.
* **Sales Assistant/Optical Dispenser** 
  + **1001 Optical** | May 2012 - May 2015 (3 years 1 month)
    - Managing eye testing appointment book.
    - Interpreting optical prescriptions, fit and service optical appliances.