

Nara Eam

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EDUCATION

Master of Information Technology

Feb 2020 – Dec 2021

University of Western Australia, Perth

GPA: 6.2/7

Bachelor of Applied Finance

Feb 2017 – Dec 2019

Macquarie University, Sydney

GPA: 6.2/7

WORK EXPERIENCES

Norwood System, Perth, Australia, ML/AI Developer

Aug 2022 – Current

- Developed and deployed an AI model for both iOS and Android using OpenAI, enhancing user experience.
- Designed and implemented AI logic backend with Swift, improving application responsiveness by 20%.
- Created a user-friendly dashboard for admin using Vapor framework, streamlining information management and control.
- Collaborated effectively with the team, providing technical insight, and delivering solutions that exceeded project requirements.

Data Science, Perth, Australia, Freelance

Dec 2021 – Current

- Successfully scraped and preprocessed datasets from various websites, enabling data-driven decision-making for clients.
- Trained and validated machine learning models, achieving up to 95% prediction accuracy.
- Deployed and maintained machine learning models, ensuring optimal performance and timely update.
- Worked with diverse clients, demonstrating adaptability and strong communication skills.

KZ Code Education, Perth, Australia, Coding Instructor

Aug 2021 – Dec 2021

- Providing coding instruction to children age between 6-12 years old for fundamental of coding in python.
- Demonstrated excellent communication skills and patience and adapted different teaching methods to meet each child's needs.
- Maintained an engaging and supportive learning environment for all students.
- Received positive feedback from parents and students.

Pacific Home Loan, Sydney, Australia, Intern

Mar 2019 – Jun

2019

- Meet with clients, identify their needs, and provide them the best recommendation for some or business financial loan.
- Overseeing the recommendation, I provided being fulfilled- by preparing the loan application and performing general duties as necessary.

PROJECT

Create a budgeting software with a team of 5

- Client: Rachel Cardell-Oliver, Head of Department, UWA Computer Science.
- Requirements: Desktop software, upload files, store all information into database, Get summary report, with data and visualization.
- Built with Flask for the backend, SQLite for database storage, and HTML, CSS, JavaScript with Electron JS for the frontend.
- Incorporated data analytics and visualization with a summary report for client budget.
- Utilized Selenium web driver and Python unit test for testing, and Git/GitHub for version control.

EXTRA-CURRICULAR ACTIVITIES

EY_BWW_Data_Challenge

Apr 2023 – Jun 2023

- Participated in the EY Open Science Data Challenge to identify rice crops in Vietnam using satellite data, contributing to the UN Sustainable Development Goal 2: Zero Hunger.
- Enhanced proficiency in Python for data science, machine learning, and big data management.
- Developed a rice crop classification model for prioritizing actions to ensure food security.
- Utilized technical skills in math, statistics, and coding to analyse and interpret satellite data.
- Applied critical thinking, problem-solving, and teamwork skills to tackle real-world challenges.

ANZ Virtual Experience Participant

Jun 2021 – Jun 2021

- Participate in the open access ANZ Virtual Experience Program with Forage.
- Task 1: Data Analysis, Data visualization, segment the data and draw unique insights.
- Task 2: Explore correlation between data, build Linear regression and Decision Tree models.

TECHNICAL SKILLS

- Statistical programs: Gretl, Eview, Business Intelligence: Tableau, Power BI
- Python, R, Java, MySQL, SQLite, Docker, Swift, C++, Julia
- **Web Backend development** - Flask framework, Django framework, Express framework, Vapor framework,
- **Web Frontend development** - HTML, CSS, JavaScript, React
- **Machine Learning skill** - using Numpy, Pandas, SkLearn, TensorFlow -ANN, CNN, Autoencoder, OpenAI
- **Web scraping**: BeautifulSoup, Selenium

CERTIFICATE

- AWS Certified Cloud Practitioner – EC2, S3, DynamoDB

REFEREE

- Available Upon Request