

Nara Eam

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EDUCATION

Master of Information Technology
University of Western Australia, Perth
GPA: 6.2/7

Feb 2020 - Present

Bachelor of Applied Finance
Macquarie University, Sydney
GPA: 6.2/7

Feb 2017 – Dec 2019

PROJECTS

Create An Education website for high school students supplemental learning

- Using Flask from python for back-end
- Using HTML5, CSS, JavaScript (jQuery, DOM, AJAX) for front-end
- Using SQLite database for storing persistent data
- Using Selenium web driver and python unit test for testing

Create A Convolutional neural network with Tensor Flow to identify images

- Using CIFAR-10 dataset
- Having an accuracy of 80%

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
- Backend: using Flask framework with SQLite to store persistent data
- Frontend: using HTML, CSS, JavaScript with Electron JS to turn into the Desktop application
- Using Selenium web driver and python unit test for testing
- Need to use Git and GitHub for version control

WORK EXPERIENCE

Data Science, Perth, Australia, Freelance

Dec 2021– Current

- Perform web scraping to get the dataset and preprocessing the dataset with visualization
- Use Machine learning algorithm to train and predict the data
- Checking and deploy the model
- Maintain and update the model

K Code Education, Perth, Australia, Part time**Aug 2021– Dec 2021**

- Teach children age between 6-12 years old to code in Python
- The role required a lot of patients with great communication skills

Pacific Home Loan, Sydney, Australia, Intern**Mar 2019 – June 2019**

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

BeltRoad Cap (Private Equity), Phnom Penh, Cambodia**Dec 2018 – Feb 2019**

- Quantitative Research on private company
- Presenting my analysis to prospective investors

EXTRA-CURRICULAR ACTIVITIES

ANZ Virtual Experience Participant**June 2021 – June 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

UWA mentorship**Feb 2021 – Dec 2021**

- Using my excellent communication skills to help new students transition into university life by recommending units or providing support to non-English speaking students.

Member of Programming Competition Society**Feb 2020 – Present**

- Extra training on programming for different programming languages
- Competitions against other universities

TECHNICAL SKILLS

- Microsoft office: Word, Excel, PowerPoint
- Statistical programs: Gretl, Eview, Business Intelligence: Tableau, Power BI,
- Python, R, Java, MySQL, SQLite, Docker
- Web Backend development - Flask framework, Django framework, Express framework
- Web Frontend development - HTML, CSS, JavaScript, React
- Machine Learning skill - using Numpy, Pandas, SkLearn, TensorFlow -ANN, CNN, Autoencoder
- Amazon Web Service - EC2, S3, DynamoDB

REFEREE

- Available Upon Request