

Teo Shi Bin

Graduate CSAI Student | First Class Honours

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Skills

C, C++, C#, Python, R, SQL, MatLab, Git, Android Java, Flutter Dart, HTML, CSS, JS, VB.

Education

BSc (Hons) Computer Science with Artificial Intelligence

University of Nottingham | Nottingham | September 2019 - August 2022

- Acquired 1st class honours degree upon graduation.
- Reviewed and placed on the Dean's list.
- Managed AI & SE projects as a team leader.
- Developed AI projects for computer vision, natural language processing, and machine learning.

Experience

Summer AI Research Intern | University of Nottingham | June 2021 - July 2021

- Researched wildlife novel species detection of camera trap data for data curation.
- Explored topics including Autoencoders, GANs, CNN, etc.

Electronic Store Assistant | Yako Lighting | March 2019 - July 2019

Smartphone Promoter | M Tel Mobile & Services Cell Phone Store | January 2019 - March 2019

Projects

Face Recognition with Siamese Network | Python & MatLab

- Pretrained VGG deep convolutional neural network.
- Face verification & identification via similarity score.
- Attained 95% AUC score with Restricted Pair LFW Face Dataset.

Covid Data Visualization | R

- Presented how the global pandemic spread.
- Visualized interactive graphs & plots with ggplots, ggplotly & custom gifs generation.

AI Classification and Regression | Python & MatLab

- Managed a team of 4 as a leader.
- Wrote ML algorithms from scratch.
- Trained & tested data classification and regression with handcrafted SVM, DT & ANN.

Function Optimization Benchmarking | MatLab

- Benchmarked performance & behaviour between algorithms.
- Implemented 10 Heuristic algorithms for high dimensional function optimization.

Certificates & Awards

Azure AI Fundamentals | Microsoft Certifications | October 2022

Software Engineering Best Presented Team | University of Nottingham | May 2021

AI Contest Participation | Singapore Shopee Code League 2020 | June 2020 - August 2020

Coding Contest Participation | Malaya Programming League National 2020 | February 2020

References

References are available upon request.