

Taowen(Tony) Liu

1st year Maths and Computing at Imperial College London

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Education

Imperial College London (London UK)

- Maths and Computing (First year)

Beijing National Day School (Beijing China) (Sept. 2017 - June 2020)

- ALevel Maths | Physics | Computer Science | Chemistry | Further Maths - A* (2019, 2020)
- AS Level Business - A (2019)

Skills

Python

- Web development: Flask(learning), Django
- Machine Learning: mxnet, sci-kit learn, numpy

Javascript, Java

Extra - Curricular Activities

Scientific Research on Machine Learning Based Oracle Character Recognition (July - Oct. 2020)

- Hosted by Tencent, Rhino-Bird Training Program
- Learned and Implemented different SVM + Feature Extraction based and Neural Network based image classification algorithms
- Compared between the algorithms, adjusted and optimized algorithm for this task

ALevel Maths Practice Website (July 2020)

- Used Django and Bootstrap
- A website that students can browse maths questions and check answers according to categories and years

CatePlus: Chrome Extension for CATe (Jan 2021)

- Features: a new theme, ddl notification, clearer homepage, downloading options ...
- Crawled information for the new homepage and ddl notification, wrote html template for homepage

International Mathematical Modelling Challenge

- Meritorious Prize (= First prize) for two times (2018, 2019)