

Yuankai Sun

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EXPERIENCE

Data Science Society, UCL — *First Year Representative*

11/2020 - 06/2021

Developed and presented a workshop about Logistic Regression with a turnout of over 20 people. Influence in events such as hackathons and conferences .

LSC Consulting, Sustain — *Digital Transformation Lead*

01/2021 - 03/2021

Had the opportunity to work for London Strategic Consulting, a student led group and led a digital transformation strategy for Cancer Research UK in customizing volunteer opportunities based on preferences which will be showcased in the upcoming annual CRUK conference.

EDUCATION

University College London , London — *Bsc Information Management for Business - Expected First*

09/2020 - 06/2023

A joint IT and Management degree developed together with leading IT, Management Consultancy and Finance companies.
Modules covered include Web Technologies, Information Systems, Business Intelligence, Business in the Digital Age, Java Programming, Market Research.

St Olave's Grammar School, Greater London — *A levels*

09/2017 - 06/2019

A in Mathematics , A in Biology, A in Geography

PROJECTS

Investment Portfolio App: Currently developing an optimized investment portfolio app that is based on Modern Portfolio Theory and utilized Markowitz Efficient Frontier Optimization algorithms. Packages used in Python include Kivy, Sklearn, PyPortfolio, Numpy, Matplotlib.

Tesla Stock Price Prediction Algorithm: Developed a LSTM / ARIMA Model algorithm that managed to predict 2019 stock prices with a Mean Residual Error of 1.155. Packages include SKlearn, YFinance, Matplotlib.

Workout Log Website : Currently developing a platform to record and save workouts. Made using HTML , CSS, and Javascript. Although this is a personal project, Git as a version control system was used including use of 2-stage saving proces, forking repos and creating local branches for development.

AWARDS

Winner of UCL DSS Hackathon

Created an algorithm to predict 2019 Tesla Stock Prices

LANGUAGES

Programming

Proficient: Python, HTML 5, CSS
Intermediate: Java, Javascript
Basic : MySql , Git, XML

Other

English: Native Speaker
Mandarin : Fluent Speaker

SKILLS

Online Softwares

Lucid Charts - Visual Presentations and BPMN Notation
ClickUp - Personal Project Management
Notion - Team Shared Workspace
Slack - Team Shared Workspace
Figma - App Prototyping
Tableau - Data Analytics
Excel - Advanced Formulas and Function Certificate, Macros In Depth Certificate

