

Yijun Hu

Computer Science Undergraduate at the University of Warwick

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📍 Coventry, United Kingdom

I am a fourth year student at the University of Warwick, studying for an MEng in Computer Science. I am hard working, and enjoy problem solving and challenges, such as academic competitions like the UKMT Maths challenge, both alone and in teams. I have the skills to work with and guide others, as well as a strong ability in logical thinking and problem solving. My interests range in topics from artificial intelligence to computer graphics and typographic design.

Originally hailing from China, I speak both English and Mandarin Chinese. I wish to get more experience working to further my opportunities, and meet new people.

Experience

Graduate Teaching Assistant, University of Warwick, Coventry, UK 2023-2024
Leading first year undergraduate labs, in modules such as Computer Architecture.

AI Engineer, Yushan (Usense) Technologies, Shanghai, China 2023
Developing a backend flask API for AI features, e.g. Table boundary drawing and recognition, face comparison, ID card OCR, VAT receipt OCR.

Private Tutor, Freelance, Nottingham and Coventry, UK 2019-2023
Tutoring primarily Maths, Chemistry, Computer Science, programming (Python, Java), at levels from KS3 to University.

Projects

Investigating AI Techniques for Generating Chinese Calligraphy 2022-2023
Third year project, investigating image generation with CycleGANs for Chinese calligraphy style transfer.

Using Optical Character Recognition to Identify Ancient Seal Script Chinese 2023-2024
Masters of Engineering group project, working with computer vision and deep learning methods.

Education

Currently Studying: MEng, Computer Science, University of Warwick, Coventry 2020-Present
(Integrated Masters) Average grade: 1st.

A* A* A* A* in A Level, George Spencer Academy, Nottingham, UK 2020
In Maths, Further Maths, Computer Science and Chemistry.

10 GCSEs (including 6 Grade 9s), George Spencer Academy, Nottingham, UK 2018
Grade 9s (highest grade) include English Language, Mathematics, and all Sciences. Total list of grades: 9 9 9 9 9 A* 8 8 6.

Courses Taken

CS50 Artificial Intelligence in Python, Harvard University, Online 2020

Machine Learning A-Z, Kirill Eremenko and Hadelin du Ponteves, Udemy, Online 2018

Languages

English, Mandarin Chinese: Native proficiency

Programming Languages

Python (inc. NumPy, Pandas, Tensorflow), **Java**, **HTML/CSS**/Pure **JS**, \LaTeX , **C**, **Haskell**

Personal interests

Traditional Chinese Arts, Typography and design, Visualisation and simulation