

Zhishan Yuan

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EDUCATION

Huazhong University of Science and Technology

Bachelor of in Engineering | Majoring in Computer Science | GPA: 88.4/100

IELTS(10/2024): 7.0 Listening:7.0 Reading: 8.0 Writing: 6.5 Speaking:6.0

Relative Courses: Calculus(98/100),Linear Algebra(87/100),Lab rotation(97/100),

Game theory(90/100),Data Structure and Algorithm design(91/100), physics(95/100)

Fundamental of software engineering(84/100),Foundations of Data Science(89/100).....

Wuhan, Hubei, China

9/1/2021-present(will graduate at 6/2025)

Awards

1. National English Competition for College Students 3 rd Award 10/2022

Very honored to attain this national prize, a good proof of my English ability

2. Outstanding Undergraduates in Terms of Academic Performance 12/2022

Only top 1% of the whole undergraduates can obtain this honor in terms of academic performance

3. Distinction performance(grade A) in Imperial Data Science Summer School 8/2024

Accomplished the task called brain tumor segmentation based on UNet and performed well in the final presentation

4. The 5th Grateful China Contemporary Scientists Scholarship Certificate of Honor 4/2023

Only 12 of the whole undergraduates at Huazhong University of Science and Technology can get this honor

5. Qiushi" Youth Innovation Camp Outstanding Member & Team 8/2023

Work as a group to design some innovative methods to address the issues in daily life

6. Excellent dormitory at Huazhong University of Science and Technology 9/2023

Have a good relationship with my roommates and our condition is very clean and harmonious

INTERN EXPERIENCE

Lenovo

The engineer of LLMs evaluation

Shanghai, China

8/10/2024 - present

Take the responsibility of doing research on the models and benchmarks

1. The domestic mainstream word-to-video generative models(such as Keling)

2. The mainstream benchmarks(such as MMLU, CSQA....)

Evaluate the performance of Qwen2 and Qwen2.5 on MMLU(0-shot), C-eval, WIC and other benchmarks

PROJECT EXPERIENCE

Microfluidic Environment Laser Polishing of Monocrystalline Silicon 3/2023-3/2024

Investigated the effects of fluid environment, laser defocusing, and liquid-silicon distance on polishing efficiency. As the leader of this project, successfully accomplishing this project, reducing the roughness of the surface of silicon down to under 1 nanometre. Had met some tough issues such as the opposite outcomes to the expectation, however, through large amount of experiments, finally achieved a great result.

Brain tumor segmentation based on UNet(Imperial Data Science Summer School) 7/2024

After reviewing essays, decided to use the structure of UNet to address this problem. Although meeting some problems during the project. To improve the the robustness of the model, I applied data augmentation, modified the loss function and also did some change to the UNet structure, finally achieved dice score of 0.85 in the final test dataset. Did a presentation in the final day and wrote a work report in latex. Attained the distinction(Grade A) in the Imperial Data Science Summer School.

SKILLS

1. Proficient in computer programming(python(pytorch), C, matlab)

2. Proficient in academic writing in Latex(overleaf)

3. Experience in polishing the materials by laser and basic knowledge concerning optics

4. Strong understanding of algorithm and structure

5. Experience in the machine learning and deep learning project

6. Experience in hardware&software co-design(design music player and traffic system on a 51 Micro Controller Unit on my own)

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

The news centre in future technology college in HUST

The leader of the department of new media operations

9/2023-9/2024

Taking the responsibility of arranging the whole department and operating the wechat official account of future technology college at Hust.