

YUHAO HAN (HARRY)

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EDUCATION

University of Edinburgh

Master of Mathematics(MMATH Hons)

Sep. 2021 – Present

Expected Grade: I. Expected Graduation: May 2026

Hamden Hall Country Day School

Graduating Cum Laude

Sep. 2018 – Jun. 2021

Hamden, CT, USA

SPEAKING LANGUAGES

Mandarin: Native Speaker

English: Fluent (TOEFL:115/120)

Italian: C2

Latin: Able to Read

EXPERIENCE

Scottish Summer Mathematic Research Scheme

Reseaching Simple Hyperplane Arrangement in F_p^m .

May 2024 – Aug 2024

Research Dolphin Interconnect PCIe NTB

Bench marking virtual cachable memory provided by NTB. All works were within Linux kernel.

Oct 2023 – Feb 2024

Student Ambassador

Introducing University of Edinburgh to prospective students; help admission officers at various events.

March 2022 – Present

PROGRAMMING SKILLS

Although I study mathematics in the University of Edinburgh, I have self studied computer science. I can write code confidently in rust, C, C++ and python. I am knowledgeable in computer algorithms, operating systems, concepts in compter architecture, and the Linux kernel.

Linux • C • C++ • Bash • Fortran • \LaTeX • Git • Vim • Typescript • React • Nextjs • Java
OpenGL • Lua • Julia • Python • x86-64 assembly • MATLAB • Unity • AWS

Proficient
Familiar

PROJECTS

lox rust | fully functional interpreter from scratch in Rust for lox, a mock language.

Jul 2024

argentum | a terminal text editor in C

Aug 2023

guide for self studying programming | A book for self studying programming. Still in early draft.

2024

BURSARIES

- Professor Sheridan's Simons Investigator Award(For research in algebraic variety), 2000£

HOBBIES

Linux Kernel

I am a Kernel developer and Linux enthusiast

Astrophotography

I have taken pictures of many celestial objects