Jesse He

Education

The Ohio State University, Columbus, OH   Expected graduation: Spring 2022
Bachelor of Science, Honors Mathematics
Bachelor of Arts, Computer and information Science
GPA: 3.876

Projects and Research

Emerging Issues in Cybersecurity at New Mexico Tech   Summer 2021
- Created tool using python to generate synthetic classification problems with polygonal class boundaries

CSE 3902: Interactive Systems   Spring 2021
- Developed a clone of *The Legend of Zelda* in C# with a team of six in biweekly sprints

HackOH/IO   Fall 2020
- Using Google AppsScript and Prismjs, helped create an automatic syntax highlighter in Google Docs as part of a 48-hour hackathon project

Employment

Ohio State University Deparment of Mathematics.

Undergraduate Grader, Honors Abstract Algebra I   Autumn 2021
- Graded weekly homework assignments for an honors undergraduate course in abstract algebra

OSU Deparment of Computer Science and Engineering.

Undergraduate Grader, AI I   Autumn 2020, Spring 2021
- Evaluated and gave feedback for assignments in an introductory AI techniques class
- Held regular office hours

Undergraduate Grader, Software I   Autumn 2019
- Evaluated and gave feedback for assignments in an intriductory software engineering class
- Assisted in-class lab instruction
- Held regular office hours

OSU Media, Marketing, and Communications Scholars.

MMC Digital Sandbox Project Group Instructor   Spring 2020
- Developed and taught a 7-week project-based course in LaTeX
- Gave weekly tutorials and demonstrations for basic typesetting tasks

Skills

Technical Skills

- Python, C, C++, C#, Java, Javascript/HTML/CSS, LaTeX, Git

Languages

- Conversational Mandarin Chinese, basic skills in Spanish and Japanese

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