

Jesse He

Education

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

Expected graduation: Spring 2022

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

OSU Department 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, including an experimental section combining introductory content with content from AI II
- Held regular office hours

Undergraduate Grader, Software I Autumn 2019

- Evaluated and gave feedback for assignments in an introductory 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