Yi He

Ann Arbor, MI
University of Michigan
📱 +1 7345487865
✉ hyyy@umich.edu
🌐 *https://echohyyy.netlify.app/*

Education

2021–2023	**BS, Computer Science**, *University of Michigan*, Ann Arbor
2019–2023	**BE, Electrical and Computer Engineering**, *Shanghai Jiao Tong University*, Shanghai

Projects & Work Experience

2022FA Team Developer, *Game-dev Project*
[link: **Raveler**] Developed a platform jumping game using Unity. Worked on art, animations, guidance, UI, storytelling, and level designs. Play the role of the main contributor in designing and tweaking the overall visuals and player experience of the game.

2022FA Team Developer, *Web System Project*
Implement a MapReduce framework in Python with knowledge of distributed processing, OS-provided concurrency facilities, and sockets.

2022FA Team Developer, *Web System Projects*
Implement an Instagram clone with server-side and client-side dynamic pages separately with knowledge of Flask, React, REST APIs, JavaScript, and SQL.

2022FA Team Developer, *User-Centered Project*
[link: **Final presentation**] We conducted a user-centered design process and created the final solution of a mobile application called MCareer to support undergraduate students' career development.

2020SU Team Developer, *Game-dev Project*
[link: **Unravel**] Developed a web-based 3D puzzle game using Elm and WebGL. Implemented an advanced feature of 3D text rendering and played as the main contributor to art and storytelling.

Technical Skills

Skills	C/C++, React, Ocaml, JavaScript, Java, Python, Elm, Ocaml, MATLAB, CSS, C#, Vue.js, Jinja
Technologies	LaTeX, Git, Unity, Jira, Android Studio, Adobe Photoshop, Adobe Premiere Pro

Relevant Courses

EECS485	Web Systems	EECS490	Programming languages
EECS494	Computer Game Design	EECS493	User Interface Development
EECS498	Deep Learning for Computer Vision	EECS388	Intro. to Computer Security

In Process

EECS498	Extended Reality and Society
EECS445	Introduction to Machine Learning
EECS448	Applied Machine Learning for Modeling Human Behavior

Honors

Award	2020 University Physics Competition, Silver Medal