Yueming Liu

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Cornell University

EDUCATION

Cornell University   Aug 2020 - May 2024

Mechanical Engineering & Computer Science Bachelor | College of Engineering   Ithaca, NY

GPA: 4.13 / 4.3

Engineering Dean's List, Rose House Scholar
Related Courses: Objected Oriented Programming (A), Physics E&M (A+), Thermodynamics (A+), Dynamics,
Mechanical Synthesis, Computer Organization, Artificial Intelligence

WORK & PROJECT EXPERIENCE

Cornell Engineering Learning Initiative   Jan 2022 - Present

Tutor-on-Call   Ithaca, NY

- Assist peer students with understanding course concepts.

- Tutor students on Physics: Electricity and Magnetism, Statis and Mechanics of Solids, and Multivariable Calculus.

Cornell Hyperloop Project Team   Aug 2021 - Present

Mechanical member   Ithaca, NY

- Design, test, and build the braking system of the hyperloop train pod with a team.

- Integrate the braking system into the overall design.

SHUI BioSolutions Technology, LLC.   Jul 2021 - Present

Software Engineer   New York, NY

- Work with the software team on full-stack website and mobile app developments from scratch.

- Promote the company on social media; plan, coordinate, and budget on and off-campus recruitments.

Cornell Game Design Initiative   Feb 2021 - Jun 2021

Design Lead   Ithaca, NY

- Participated in the team-based game design project and built a platformer game from scratch.

- Responsible for programming, character design, animation, and making overall design decisions.

Indie Game Design   Feb 2021 - Apr 2021

Independent Project   New York, NY

- Designed and programmed the puzzle adventure game *Seven Days* with the Unity game engine.

- Published the game on itch.io and received over four hundred downloads in the first two weeks.

- Make video tutorials about Unity tricks and have over 4,000 followers on tutorial sharing platforms.

COMMUNITY INVOLVEMENT

Ring of Steel Ithaca - Cornell Stage Combat Club   Sep 2020 - Present

Vice President   Ithaca, NY

- Learn and teach swords fighting; plan club events such as club fest and choreography.

- Craft swords for fun.

SKILLS

- **Skills:** CAD, OO/functional programming, web/app/game development, digital painting, video editing, 2D and 3D animations, Mandarin Chinese, technical writing, Microsoft Office.