

Erik Liu

Email: erikliu2@illinois | Phone: (304) 777-9577

Experience

Research Project Lead, (May 2022)

- Spearheaded the successful design and implementation of large-scale transportation research project aimed at studying the effectiveness of vehicle-style control mechanisms on crowds
- Organized small team from conception through execution, demonstrating exceptional team communication, leadership, and project management skills
- Developed comprehensive project documentation, including design specifications, operational plans, and placement strategies, ensuring clarity and concise execution
- Analyzed project outcomes and collected data, contributing valuable insights into the dynamics of pedestrian flow and the potential for innovative crowd management strategies

Web Development for Medical Company, (2020-Present)

- Engineered and implemented web presence with attention to user experience
- Managed end-to-end website development, spanning both frontend and backend frameworks
- Collaborated closely with stakeholders to transform their vision into a functional website

University Cafeteria - Food Server (April 2023 - December 2023)

- Demonstrated ability to work in a fast-paced work environment, ensuring prompt and accurate service
- Developed skills to communicate and coordinate efforts between coworkers in a work setting

Grocery Store Deli Associate (July 2023 - August 2023)

- Delivered timely and precise responses to customer orders ensuring customer satisfaction
- Mastered multitasking and prioritization in a demanding retail environment

Education

Bachelor of Science, Civil Engineering, University of Illinois Urbana-Champaign (Expected May 2026)

- GPA: 3.20, Technical GPA: 3.27

Skills

- Leadership, Communication, Documentation, Fast-Learner
- Siemens NX, SolidWorks, PTV Vissim
- Python, Java, C++, Javascript, HTML/CSS, PHP, MySQL
- Adobe (Photoshop, Illustrator, Premiere Pro), Blender 3D, Microsoft Office (Word, Excel, PowerPoint)