# 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)