

Joseph Loriso

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Education

Illinois Institute of Technology

Bachelor of Science Computer Science

Chicago, IL

06/2025

Related Coursework

Object Oriented Programming, Data Structures and Algorithms, Database Organization, Computer Architecture, Circuit Analysis, Signals and Systems, Operating Systems

Experience

Walsh Construction

Full Stack Development Intern

- Updated backend logic and API endpoints for saving data ensuring seamless data handling
- Developed and integrated controls for radio groups, text boxes, drop down lists using telerik to enhance the user interface and functionality
- Engineered new features for legacy codebases ensuring continued functionality in alignment with current standards.

Illinois Institute of Technology

Computer Science Teaching Assistant - CS 115 - Object Oriented Programming

- Developed leadership skills in guiding group discussion
- Encouraged collaboration on group projects
- Cultivated a supportive and inclusive environment for learning and experimentation

Project Experience

Interactive CTA Model - <https://github.com/jloriso/csPortfolio/tree/main/cs201/finalProject>

- Designed objects that encapsulate important attributes of the CTA as well as utilize various object oriented design principles to optimize the design
- Used sorting algorithms to allow for easier searching within the program
- Developed a text based UI that allows the user to add, remove, and edit stops on the CTA

Formula One Database - <https://github.com/jloriso/formulaOneDB>

- Developed a robust SQL database schema for efficient storage and retrieval of Formula One racing related information
- Designed an intuitive GUI using Python libraries to interact with the database
- Bridged front-end and back-end development, creating a seamless user experience

Technical Skills

Object Oriented Programming Design, Bash, Java, C, Git, Assembly, Python, SQL, HTML, CSS, JavaScript, MySQL, Powershell, Typescript, LESS, C#, AJAX, APIs, Kendo UI, Telerik, SSMS, Semantic UI, jQuery, Database design, stored procedures, Web Forms, MVC, MVVM

Campus and Community Involvement

Scouts of America

Eagle Scout - Countless service projects including my Eagle Scout project with the Kalamazoo Nature Center
WIIT 88.9 FM

Program director of the on campus radio station, schedule radio automation, schedule pre recorded shows, interview new DJs, help them with technical training and other aspects of the onboarding process.

Illinois Tech Cross Country and Track and Field

Captain of the Cross Country as well as the Track and Field teams, being involved in multiple service projects as a team. Devoted to developing a team culture that facilitates and encourages individual and team growth