

SHAIL PATEL

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SUMMARY

Motivated computer science student with a strong academic background, ready to apply technical skills in a professional setting through an internship. Aims to contribute meaningful solutions and innovative ideas in a team-based environment. Offers a blend of analytical thinking, problem-solving abilities, and a collaborative spirit, aiming to impact projects and organizational goals positively.

EDUCATION

University of Illinois Chicago (UIC)
Bachelors in Computer Science

Expected Graduation – May 2026

Coursework: Data Structures, Machine Organization, Software Design, Computer Design, Languages and Automata

SKILLS

Language: C++, C, SQL, HTML, Python, F#, Java

Technologies: Windows, Linux, MySQL

Soft Skills: Customer service, Customer Relations, Problem Solving, Leadership

EXPERIENCE

Building Manager – UIC Campus Recreation

March 2023 – Present

- Achieved rapid career progression, advancing from Member Service Attendant to Manager within 6 months, demonstrating strong leadership and operational acumen.
- Supervise and ensure adherence to schedules for all building personnel, overseeing their duties and performance.
- Optimize building operations to enhance efficiency and tenant satisfaction.
- Manage emergency situations with proficiency in CPR and AED and prepare detailed incident reports as necessary.

Internship Student - Sumago Infotech Pvt. Ltd.

May 2020 – July 2020

- Created and organized documentation to support the team.
- Participated in department and company meetings.
- Debugged and made changes in existing projects to meet customers' new requirements.
- Learn to create and deploy full-stack software.

PROJECTS

Driving School Management System – College of Polytechnic (Project Lead)

- Spearheaded the development of a digital Driving School Management System for an actual driving school being part of the College of Polytechnic, transforming traditional paperwork processes into an efficient online platform.
- Engineered a comprehensive full-stack solution utilizing SQL for database management, Python for backend logic, and CSS, HTML, and JavaScript for a dynamic and responsive user interface.
- Implemented robust features enabling user profile creation, schedule visualization, and financial transactions for class payments, significantly streamlining administrative operations and enhancing user experience.

CTA Database App (College project)

- Designed and implemented a console-based Python application for querying the Chicago Transit Authority's updated daily ridership database, enhancing data accessibility and user interaction.
- Utilized advanced SQL queries to retrieve, compute, and analyze ridership data across 5 database tables, showcasing proficiency in database management and data manipulation.
- Integrated Python's matplotlib library to plot ridership trends and station information, providing insightful visualizations that support data-driven decision-making.
- Developed a user-friendly command interface to navigate diverse data queries, including station searches, ridership by time, and geographical station plotting, demonstrating attention to user experience and software usability.

Open Street Maps UIC Campus (College Project)

- Developed a C++ console application for campus navigation, facilitating the discovery of the most efficient routes between buildings through pedestrian paths.
- Utilized graph algorithms to model the campus layout with vertices (buildings) and edges (walkways).
- Employed Dijkstra's algorithm for identifying the minimum distance between two selected buildings, improving the user interface by computing the midpoint of two locations to suggest the nearest building for meeting purposes.