

# Ismail Patel

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## EDUCATION

### DePaul University

*B.S. Computer Science - Software Development*

Expected June 2025

GPA: 3.77

## COURSEWORK

**Courses:** Data Structures, Design Analysis of Algorithms, Data Analysis, Computer Systems, Database Systems, Web3 Blockchain and Smart Contracts, Web Computing, CS for Programmers, Java for Programmers

**Awards:** Dean's List

## EXPERIENCE

### DePaul University- The ASL Avatar Project | *Research Assistant*

Anticipated March 2024

- Developing a quiz application using C# and ASP.NET framework aimed at enhancing the learning of ASL.
- Working towards introducing a new tech stack compatible with the project's needs to incorporate media.
- Responsibilities include project management, design implementation, coding, testing, and delivery.

### DePaul University | *Grader*

Aug. 2023 – Present

- Designed and implemented a Python automation script, streamlining the grading process, which allowed for easy management of grades and reduced time to grade by over 50%.
- Maintained regular communication with the professor, independently managed grading tasks, and effectively streamlined processes, optimizing time utilization for the professor.
- Managing and updating grades for 90+ students, ensuring that timely and proper feedback and results are given.

### Chicago Coalition for the Homeless | *GIS Intern*

June 2023 – Aug. 2023

- Implemented Google Maps Geocoding API to convert 60,000+ addresses into spatial positioning to ensure accurate and efficient placement of data points with 90% accuracy, reducing overall cost and time for the task by over 100%
- Converted CSV dataset into spatial data and used ArcGIS Pro to create interactive and informative maps.

## PROJECTS

### Ping | *React, APIs (Google Maps), Git, Unix Shell, VS Code, Figma*

Sep. 2023

- Developing a cross-platform mobile app to alert contacts of immediate real-time location with consistent "pings".
- Implementing a feature that enables users to send text messages with GPS coordinates to desired contacts via SMS.

### Focus App | *Swift, Git, Unix Shell, Xcode, Figma*

Jan 2024

- Developing a Swift application that features a task-oriented widget to streamline user task completion efficiently.
- Locked the device only to allow required applications to ensure that the user remains undistributed while working
- Designing and implementing the interface for the application, ensuring an intuitive and seamless user experience.

## LEADERSHIP AND INVOLVEMENT

### Computer Science Society (CSS) | *Member*

Jan 2023 - Present

- Attends meetings and participates in discussions on technologies, industry trends, and academic opportunities.
- Contributed suggestions for events, workshops, and projects, enhancing the overall experience for members.
- Collaborated with peers on coding projects and challenges, fostering a spirit of teamwork and skill-sharing.

### Resident Assistant (RA) | *DePaul University*

Aug 2023 - Present

- Led the planning and executing of events while providing entertainment but educational value for the community.

## SKILLS

**Languages:** Python, Java, C/C++ JavaScript/TypeScript, HTML/CSS, R, SQL, Solidity, L<sup>A</sup>T<sub>E</sub>X

**Tools & Platforms:** Git/GitHub, Unix Shell, VS Code, IntelliJ, MacOS, Windows, Linux, Figma

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

**Libraries:** pandas, NumPy, Matplotlib