

Ismail Patel

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EDUCATION

DePaul University

Expected June 2025

B.S. Computer Science - Software Development

GPA: 3.64

Awards: Dean's List (3/4 Quarters), Upsilon Pi Epsilon (UPE)

COURSEWORK

Courses: Intro to Android Development, Java for Programmers, Data Structures, Algorithms, Data Analysis, Computer Systems, Database Systems, Web3 Blockchain and Smart Contracts, Web Computing, Programming Language Concepts

EXPERIENCE

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

April 2024 – Present

- Conducting a research survey of customizable learning tool platforms to see which one will be most compatible with an online quiz application to enhance the learning of ASL for clients.
- Introducing a new tech stack compatible with the project's needs to incorporate media such as text, audio, video, and voice recognition software.
- Developing a mobile quiz application test utilizing frameworks compatible with both mobile and web platforms.

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.

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%.
- Independently managed grades and streamlined processes which optimized time utilization for the professor.
- Managing and updating grades for 90+ students, ensuring that timely and proper feedback and results are given.

PROJECTS

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

- 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*

- 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

LEADERSHIP AND INVOLVEMENT

Upsilon Pi Epsilon (UPE) | *Website Administrator*

April 2024 – Present

- Developing a front-end interactive website using WordPress to display club information and monthly newsletter.

Computer Science Society (CSS) | *Member*

Jan 2023 – Present

- Attends meetings and participates in discussions on technologies, industry trends, and academic opportunities.

Resident Assistant (RA) | *DePaul University*

Aug 2023 – Present

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

SKILLS & ADDITIONAL INFORMATION

Programming Languages: Python, Java, C/C++, JavaScript, HTML/CSS, R, SQL, Solidity

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

Interests: Wrestling, Chess, Brazilian JuJitsu, Fashion, Hiking