

Jay Patel

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EDUCATION

University of Illinois at Chicago | Chicago, IL Expected Graduation: Dec 2026
Bachelor of Science in Computer Science, Dean's List 3.9/4.0 GPA

Relevant Coursework: Data Structures and Algorithms, Machine Organization, Languages and Automata, Computer Design, Computing Foundations, Program Design, Software Design, Systems Programming, Artificial Intelligence, Intro to Data Science

SKILLS

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- C++, Java, C, Python, Swift, JavaScript, TypeScript, HTML, CSS, React, Node.js, Express.js, Flask
 - Git, Full-Stack Development, iOS App Development, Firebase, Cloud Computing, RESTful APIs

CERTIFICATIONS

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- AWS Certified Cloud Practitioner, Apple App Development with Swift Associate

PROJECTS

UniMatcha | *JavaScript, Node.js, React, MongoDB, Express.js, CSS, HTML, Chart.js* May 2025 – Jul 2025

- Designed and built a full-stack web app for a local matcha business, enabling customers to log in, customize drinks, schedule pickups, and place orders through a clean, user-friendly interface.
- Developed a real-time admin dashboard and order management system that visualized order data with charts, helping the client streamline operations, grow their customer base, and generate \$3,000+ in sales through improved accessibility and user experience.

YumNote | *Swift, SwiftUI, Firebase, Git* Feb 2025 – May 2025

- Collaborated with a team using Git to build an iOS application, to allow users record, rate, and share personal restaurant experiences by leaving reviews, adding comments, and uploading pictures.

HiFi House | *C++* Jan 2025 – Apr 2025

- Partnered with a team to design and build a smart model house using Arduinos, featuring an automatic garage door controlled by RFID-based recognition and a front door operated by color recognition for secure access.
- Implemented an intruder detection system that captures images of unfamiliar faces and automatically posts them to a Discord server, mimicking real-time community alerts to help users stay aware of potential intrusions.

WORK EXPERIENCE

Everyone Can Code Chicago | *iOS App Developer Intern* Jun 2025 – July 2025

- Collaborated in an Agile team to design and develop Prosperity, a wellness focused iOS app using Swift and MapKit, enabling users to pin, share, and explore meaningful activities.
- Competed against 40+ teams, showcasing a fully polished social mapping app featuring custom pins, clustering, and dynamic heatmap to visualize activity density.

Driving Forward | *Consultant Intern* Jan 2023 – Mar 2023

- Worked alongside a team of five to perform operational analysis and identify major inefficiencies, including high emission rates affecting business sustainability.
- Researched and proposed targeted solutions that incorporated stakeholder interests and broader client needs, and presented them in a final pitch, earning \$500 per participant for best presentation.

INTERESTS

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- Pickleball, Hackathons, Pokémon, Traveling, Technology, Origami, Volleyball, Learning, Hiking, AI