Diya Patel

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EDUCATION

University of Illinois At Chicago 08/2023 – Present | Chicago, Illinois
Computer Engineering
- Anticipated Graduation: May 2027
- Current GPA: 3.5/4
- Key Courses: Data Structures & Algorithms, Computer Architecture, Circuit Analysis, Differential Equations, Logic Design

SKILLS

- **Programming Languages:** Python, Java, C, C++, JavaScript, MATLAB, SQL
- **Data Structures & Algorithms:** Problem-solving, efficient software design, algorithm optimization
- **Computer Engineering & Systems:** Computer Architecture, Circuit Analysis, Hardware–Software Integration
- **Operating Systems:** Linux, System Programming
- **Databases:** SQL, MySQL
- **Machine Learning & AI:** Artificial Intelligence (AI), Machine Learning (ML), TensorFlow, PyTorch
- **Web & Software Development:** React.js, Node.js, HTML, CSS
- **Tools & Platforms:** Git/GitHub, AWS, CI/CD Pipelines, VS Code, Visual Studio, MATLAB Simulink
- **Data & Analytics:** Tableau, Excel (Advanced Functions, Pivot Tables)
- **Professional Skills:** Teamwork, Collaboration, Technical Communication

PROJECTS

Stock Market Tracker | Machine Learning, Web Development 01/2025 – Present
Skill: Machine Learning
- Developed a dynamic web application to track real-time stock prices using JavaScript and responsive web design principles. Designed a user-friendly interface that retrieves and displays up-to-date financial data based on user input. Demonstrated strong skills in front-end development, asynchronous programming, and real-time data handling.

CERTIFICATES

IBM Data Fundamentals 🔗
- Date issued: June 04, 2025

MathWorks-Machine Learning Onramp 🔗
- Date issued: June 10, 2025

freeCodeCamp- Machine Learning With Python 🔗
- Date issued: June 9, 2025

MATLAB Onramp 🔗
- Date issued: January 8, 2025

Getting Started with DevOps on AWS 🔗
- Date issued: June 10, 2025

ORGANIZATIONS

Society of Women Engineers (SWE) 09/2025 – Present | Chicago, IL
- Active member engaging in career development, leadership, and outreach programs.
- Building a professional network through technical workshops and contributing to initiatives promoting diversity and inclusion in STEM.

BAPS Charities – Volunteer 🔗 06/2017 – Present | Bartlett, IL
- Contributed to local community events and fundraising efforts, fostering stronger community engagement through long-term volunteer involvement.
- Provided ongoing support for community events, educational programs, and fundraising initiatives, strengthening outreach and engagement.
- Volunteered consistently in community events and humanitarian efforts, supporting initiatives across education, health, and environmental protection.