

Rohan Patel

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EDUCATION

DEPAUL UNIVERSITY, CHICAGO IL
MASTER OF SCIENCE: HEALTH INFORMATICS

Expected Graduation- May 2027

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
BACHELOR OF SCIENCE: COMMUNITY HEALTH

Aug 2021 - May 2025

Technical Skills - Python, Excel, SQL, Electronic Health Records system, HTML/CSS

Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

WORK EXPERIENCE

DATA SCIENCE INTERN: UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN Aug 2020 – Aug 2023

- Collaborated with healthcare research teams to analyze large datasets related to health behaviors and patient outcomes
- Supported data cleaning, entry, and analysis for various research studies
- Utilized Python, Excel, and SQL to generate insights on public health initiatives.
- Contributed to research publications, specifically focusing on applying data science methods to healthcare problems

RESEARCH ASSISTANT: UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN Jan 2025 – August 2025

- Assisted in the design of longitudinal study protocols related to health behaviors and disease prevention
- Used data visualization tools to create clear and actionable insights for healthcare professionals and research teams
- Analyzed data from hundred of participants in healthcare research studies, applying statistical methods to assess trends

PHARMACY TECHNICIAN May 2025 – Curr

- Processed prescriptions accurately and efficiently for customer pickup, ensuring compliance with health regulations
- Assisted pharmacists in preparing medications and maintaining inventory levels
- Handled patient insurance inquiries and issues, using healthcare data systems for accurate recordkeeping

TECHNICAL PROJECTS

DIABETES RISK PREDICTOR

- Developed a machine learning model using Python to predict diabetes risk, trained on a multi-feature dataset
- Integrated an interactive frontend that allows users to assess their potential risk through own personal data
- Plans to expand model to include wider range of chronic diseases, enhancing its impact on preventative healthcare

CERTIFICATIONS/EXTRACIRCULARS

MU EPSILON DELTA (MED)

- Coordinated health-related volunteering events, including workshops on innovative healthcare technologies
- Facilitated networking and mentorship programs for students pursuing careers in healthcare

FUTURE HEALTH CARE EXECUTIVES

- Organized and executed professional development events for over 50 members, including career development sessions, workshops in health IT and informatics
- Completed Google Data Analytics Certification