

Meharvir Randhawa

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EDUCATION

University of North Carolina at Chapel Hill

Chapel Hill, NC

Bachelor of Science Computer Science, Minor in Data Science

Expected May 2026

- Relevant Coursework: Intro to Software Engineering, Data Structures and Algorithms, Object-Oriented Programming, Algorithms and Analysis, Artificial Intelligence, Computer Graphics, Statistics & Probability, Econ (Macro & Micro)

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, C#, R, SQL, JavaScript, TypeScript, HTML, CSS, Bash
- **Frameworks & Libraries:** React, Next.js, FastAPI, Node.js, Streamlit, SQLAlchemy, Bootstrap, Tailwind CSS
- **Tools & Platforms:** Git, Docker, Linux, VS Code, Jupyter, Tableau, Alteryx, Jira, Figma, n8n, Postman
- **Data & AI Technologies:** Pandas, NumPy, Scikit-learn, LangChain, Hugging Face Transformers, Matplotlib, Seaborn
- **Databases & Cloud:** PostgreSQL, MySQL, SQLite, Supabase, AWS (EC2, S3)

WORK EXPERIENCE

FastSigns, Charlotte, NC (Remote) — *Agentic AI Intern*

Jul 2025 — Present

- Set to assist with building **AI agents** using **n8n**, **NLP models**, and automation tools to enhance internal workflows.
- Will explore applications of **Agentic AI** for business operations, customer engagement, and process optimization.

Visit Lake Norman, Cornelius, NC — *Sports Analytics Intern*

Jul 2025 — Aug 2025

- Will contribute to **tourism impact analysis** using sports data and visitor metrics to support event strategy.
- Supporting the development of **dashboards and reports** to inform marketing and planning decisions.

Infosys, Raleigh, NC — *Software/AI Engineer Intern*

May 2025 — Jul 2025

- Developed a **full-stack application** with **React**, **FastAPI**, **PostgreSQL**, integrated via **SQLAlchemy**.
- Prototyped an **AI-driven** candidate evaluation tool using structured prompts to assess job-resume compatibility.
- Collaborated in an **Agile team** to **enhance UX**, **optimize APIs**, and **deploy AI-driven features**.

Hukam Studios (Remote) — *Marketing Data Analyst Intern*

Sep 2024 — Dec 2024

- Managed **marketing initiatives** and ensured **on-time task completion** across platforms.
- Analyzed **SEO metrics** and implemented **data-driven improvements**.

Beats by Dre (Remote) — *Consumer Insights Data Analytics Extern*

Jul 2024 — Sep 2024

- **Analyzed 10K+** reviews using **Python**, **NumPy**, and AI-driven **sentiment analysis**.
- Delivered a capstone project with visualizations using **Matplotlib**, **Seaborn**, **Scikit-learn**.

PROJECTS

Dental Application — *Full-Stack Developer*

[GitHub](#)

- Developing a **full-stack** dental office management app with role-based control using **React**, **FastAPI**, and **Supabase**.
- Implementing **AI-powered chat** and **RAG-based document retrieval** features to streamline internal workflows.

Top Investor Viewer — *Full-Stack Developer*

[GitHub](#)

- Built a metric app with **HTML**, **CSS**, **Bootstrap**, **Streamlit**, and **Plotly** for portfolio tracking.
- Used **yFinance**, **Prophet**, **NumPy** for time series forecasting and interactive visualization.

Patient Management System — *Project Manager & Software Engineer*

[GitHub](#)

- Led an Agile team using **Jira** to build a **JavaFX EMR app** simulating workflows for doctors, nurses, and patients.
- Designed role-based access, messaging, and patient record management with modular **JavaFX** and **file I/O**.

LEADERSHIP EXPERIENCE

Carolina Data Challenge — *Director of Mentorship and Technical Experience*

May 2025 — Present

- Led **technical workshops**, recruited mentors/judges, supported 100+ participants.
- Created a centralized resource hub using **GitHub** and real-time support.

Punjabi Student Association — *Founder/President*

Aug 2022 — May 2024

- Built a cultural club with 75+ members; organized 20+ **events and community engagements**.
- Oversaw **financial operations**, **logistics**, and coordinated with university authorities.

HONORS, CERTIFICATIONS & INVOLVEMENTS

Honors: New American University Provost Scholar, Dean's List, Certificate of Appreciation

Certifications: Agile/Predictive Project Management Badge (PMI), AI Engineering (IBM), NLP (DeepLearning.AI), Bloomberg Market Concepts, Preparatory Certificate in Finance and Financial Markets (CFI)

Clubs: Sikh Student Association (Vice President), AI Society, AI Consulting, Minority Business Student Association