

Meharvir Randhawa

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EDUCATION

Bachelor of Science in Computer Science (Minor in Data Science)

Graduation Date: December 2025

University of North Carolina at Chapel Hill

Chapel Hill, North Carolina

RELEVANT COURSEWORK

Software Engineering, Information Assurance, Internet Services and Protocols, Data Structures and Algorithms, Object-Oriented Programming, Advanced Algorithms, Digital Design, Statistics, Multivariable Calculus, Macroeconomics

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, SQL, R, C#, C++, HTML, CSS, JavaScript, .Net,

Tools & Technologies: Linux, Bash, Git, Docker, Tableau, MS Office, JSON, Jira, Trello, Alteryx, Node.js, React

Specializations: Agile Methodologies, Data Visualization, API Integration, Web Scraping, Machine Learning

WORK EXPERIENCE

Varsity Tutors

Remote

Private Tutor

October 2024 – Present

- Provided personalized tutoring in STEM-related subjects, leading to an average **10–20% improvement** in student assessment scores.
- Monitored student progress with **Excel**, adjusting tutoring methods and focus areas as needed to ensure growth.

Hukam Studios

Tempe, Arizona

Business Data Analyst & Digital Marketing Intern

September 2024 – December 2024

- Managed marketing initiatives** by coordinating tasks across multiple platforms, ensuring timely completion of campaigns.
- Assisted in website optimization by analyzing **SEO** metrics and implementing **data-driven improvements** to enhance digital reach.

Beats by Dre

Remote

Consumer Insights Data Analytics Extern

July 2024 – September 2024

- Conducted **data collection** and cleaning on **10,000+ product reviews**, identifying patterns and anomalies using **Python, Matplotlib, NumPy, and AI** to improve data quality.
- Performed **Exploratory Data Analysis (EDA)** and **sentiment analysis**, uncovering insights that led to **3 key product improvements** based on customer feedback.
- Created a **capstone project** presented to stakeholders, incorporating **visualizations** (histograms, box plots, word clouds, scatter plots) using Python libraries such as **Matplotlib, Seaborn and Scikit-Learn**

PROJECT EXPERIENCE

Top Investor Portfolio Viewer

Charlotte, NC

Frontend Developer & Data Analyst

October 2024 – December 2024

- Developed a web application for tracking and analyzing the top investors' portfolios, utilizing **HTML, CSS, JavaScript, Bootstrap**, and **Streamlit** for a responsive, data-driven UI.
- Implemented stock forecasting features using Python libraries (**NumPy, yFinance, Prophet, Plotly**) to handle data, perform time series forecasting, and display dynamic stock predictions for up to **4 years**.

Automated Pediatric Doctor's Office System

Tempe, AZ

Project Manager & Java Developer

January 2024 – May 2024

- Applied **Agile methodologies** and led a team of 5, using **Jira** for sprint planning and issue tracking.
- Developed the UI with **JavaFX** and integrated **SQL** database functionalities for seamless data management.

LEADERSHIP EXPERIENCE

Punjabi Student Association (PSA)

Tempe, AZ

Founder/ President

August 2022 – May 2024

- Established and managed a cultural club of **75+ members** to enhance community engagement and awareness
- Organized **20+ events** in accordance with campus regulation while overseeing financial operations

HONORS, CERTIFICATIONS & INVOLVEMENTS

- Dean's List
- New American University Provost Scholar
- Preparatory Certificate in Finance and Financial Markets (CFI)
- Agile Project Management Badge (PMI)
- Predictive Project Management Badge (PMI)
- Minority Business Student Alliance
- Quantitative Finance Association