

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 Circuit Design, Statistics, Macroeconomics

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, C++, C#, SQL, R, JavaScript, HTML, CSS, .NET, Node.js, React,

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

WORK EXPERIENCE

Varsity Tutors

Remote

Private Tutor

October 2024 – Present

- Provided personalized tutoring in Computer Science and Math, leading to an average **10–20% improvement**.
- Monitored student progress with **Excel**, adjusting tutoring methods and focus areas to ensure growth in all areas.

Hukam Studios

Tempe, Arizona

Business Data Analyst & Digital Marketing Intern

September 2024 – December 2024

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

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

Personal Portfolio

Frontend Developer

- Designed a responsive portfolio website using **React**, showcasing projects and skills with interactive features.
- Implemented **RESTful API integrations** for dynamic content retrieval and utilized **Git** for version control.

Top Investor Viewer

Frontend Developer & Data Analyst

- 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

Project Manager & Java Developer

- 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)

August 2022 – May 2024

Founder/ President

- 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