

Talha Choudhry

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EDUCATION

New Jersey Institute of Technology | Newark, NJ
Bachelor of Science in Computer Science

Anticipated Graduation: May 2026

County College of Morris | Randolph, NJ
Associate of Science in Computer Science

Graduated: Dec 2023

Enrolled Courses: Advanced Database Systems, Intensive Programming in Linux

Completed Courses: Programming Language Concepts | Data Structures and Algorithms | Intro to Data Science | Database System Design & Mgmt

SKILLS

Programming Skills : Python, Java, Tableau, R, SQL, C++, C, HTML, CSS, Pandas, NumPy, Data Cleaning

Core Skills : Software Development | Testing and Debugging | Software Installation | Data Structures | Algorithms | Machine Learning and Data Analysis

WORK EXPERIENCE

Walmart

JULY 2024 – PRESENT

Digital Team Associate

- Optimized order fulfillment by utilizing efficient order picking strategies and techniques to increase customer satisfaction rate.
- Solved complex order discrepancies and improved process workflows through analytical problem-solving and data management.
- Constantly familiarized with new software updates on picking hardware, mastered the latest UI developed for the role.

Server Tech Supply Inc

JUNE 2024 – AUG 2024

Cybersecurity & IT Intern

- Authored and maintained SOPs for secure system administration.
- Participated in Agile sprint meetings, documented and tested product quality.
- Shadowed senior engineers in designing network security solutions.

T-Mobile

OCT 2021 – JAN 2023

Mobile Expert

- Delivered Tier-1 tech support and guided customers on mobile security features.
- Created user-friendly troubleshooting documentation for mobile systems.
- Trained new employees on customer resolution protocols and device configuration.

PROJECTS

SaaS Application (SQL) – Database System Design & Mgmt

JAN 2024 – MAY 2024

- Developed front-end interface for interactive star chart visualization
- Back-end processed inputs, retrieved celestial data from SQL database
- Used RabbitMQ to manage communication between services
- Enabled real-time sky exploration based on location, date, and preferences

Life Expectancy Predictor (Python, sickit-learn) – Intro to Data Science

NOV 2023

- Collaborated on machine learning project predicting life expectancy using WHO data from kaggle
- Cleaned and preprocessed 22 features applied one-hot encoding, and removed rows with null values
- Implemented and trained Multiple Linear Regression and Decision Tree models (CART, MSE loss)
- Evaluated models using MAE, MSE, RMSE, and R^2 ; Decision Tree achieved best results ($R^2 = 0.87$)
- Analyzed key predictors including adult mortality, HIV/AIDS, schooling, and GDP for feature importance

2 Player Dice Game (Java) - Data Structures and Algorithms

NOV 2022

- Created object oriented two-player dice game in Java
- Implemented turn-based gameplay, score tracking, and input validation
- Emphasized modular design and debugging techniques