

MAAHIR VOHRA

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Education

NEW JERSEY INSTITUTE OF TECHNOLOGY (NJIT)

Newark, NJ

Ying Wu College of Computing

Expected Graduation: **Spring 2025 (Junior)**

Bachelors of Science in Computer Science

- GPA: 3.4
- Key Courses: Programming Language Concepts(C++), Intro to Java, Intro to Python, Data Structures & Algorithms, Computer Architecture & Assembly, Database Prg (SQL), Software Engineering, Discrete Mathematics, Intro to AI

COUNTY COLLEGE OF MORRIS (CCM)

Randolph, NJ

Associates of Science in Computer Science

Graduation: **Fall 2022**

Experience

Randstad On Site for Medtronic

North Haven, CT

Technology Intern

May 2023 - Aug 2023

- Enhanced the overall efficiency of the production plant by automating manual tasks and visualizing data.
- Transformed a manual daily process of database data insertion into an automated time-saving solution.
- Implemented and designed a **Python script** that dynamically updates database tables with error handling.
- Developed using **pandas**, **pyodbc**, and **SQLAlchemy** libraries to ensure data integrity, handle data type conversions, and perform bulk data insertion, reducing processing time and minimizing errors.
- Acquired proficiency in **Power BI** to create **data-driven dashboards**, extracting insights from plant data, and leveraging **business intelligence to identify cost-saving trends**.
- Helped reduce paper waste in the production plant to be more environmentally sustainable and efficient.
- **Reduced yearly labor costs by ~\$65,000** by automating data entry processes to execute in seconds compared to a manual insertion of 20 minutes which allowed enhanced data accuracy and overall productivity.
- Completed **Lean Six Sigma training** and earned the **A3 Yellow Belt certification**, demonstrating a commitment to process improvement and problem-solving methodologies.

Projects

NJIT Schedule Generator

Jan 2023 - Present

- Utilizing **HTML**, **CSS**, **PHP**, and **JavaScript** to suggest and generate schedules automatically based on the classes a student wants to take
- Wrote a script that pulls class data and utilizes a **MySQL** database to store the data
- Input classes, ideal time, and days of the week. Outputs all possible schedule options
- Self-taught HTML and CSS. Learning PHP and JavaScript
- Collaborating with a friend to complete project before next semester class registration
- Created a user-friendly UI with a simple design using **Figma**

Technical Skills

Programming Languages: Python, Java, C++, JavaScript, SQL, HTML/CSS, Assembly

Engineering Technologies: React, AWS, GCP, Github, Power BI, MySQL, Figma, FileZilla, AutoDesk Inventor, Adobe Illustrator

Operating Systems: Windows, MacOS, Linux, Android, iOS

Certifications: A3 Yellow Belt Certification

Extracurricular

Vice President of MSA (Muslim Student Association) at CCM

Jan 2022 - Dec 2022

- Collaborated with college advisor and other board members to plan and execute multicultural community events
- Promoted events on campus and social media by creating flyers and working with other clubs
- Facilitated communication with local restaurants, conducting price negotiations and overseeing financial transactions for the school club