

Jimmy Mishan

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MY JOURNEY

At the age of 13, my curiosity and self-guided learning led me to create my first computer, igniting a lifelong passion for computer science and marking the beginning of my unique journey in a family traditionally involved in physical labor. To illustrate, this early experience fueled my self-taught development of a website, demonstrating my ability to transform innovative ideas into reality. I am driven by a determined pursuit of knowledge, not stopping before completing the task ahead of me.

PROJECTS

Personal Website jimnymishan.com

Developed a personal website showcasing software engineering and web development skills. Features:

- *Technical Skills*: Demonstrated abilities in DOM manipulation, CSS animations, flexbox, media queries, and asynchronous JavaScript, ensuring a notable user experience.
- *Social Media Integration*: Integrated LinkedIn and GitHub profiles for professional networking.
- *Version Control Familiarity*: Effectively deployed on GitHub Pages and Netlify, showcasing skills in Git and version control.

Prerequisite Checker [GitHub Repo](#)

Java program for university course prerequisite analysis, potentially assisting students in identifying course prereqs and resolving class-related queries, showcasing data structures and graph theory application

- Implemented DAG with adjacency lists for efficient course prerequisite modeling.
- Designed robust file I/O handling for data accuracy and error resilience.
- Demonstrated depth-first search and cycle detection in graph-based data.

Music Playlist Application [GitHub Repo](#)

Java application replicating streaming service operations with custom user playlist features.

- Managed song sequences using circular linked lists for playlist navigation.
- Enabled song library creations from CSV files, allowing dynamic playlist adjustments.
- Implemented functionalities for merging, reversing, and shuffling playlists while maintaining order based on song popularity - demonstrating various data structure operations.

SKILLS

Core Competencies	Data Structures, Algos, OOP, Responsive Web Dev., Version Control
Languages	Java, Python, HTML, CSS, JavaScript
Frameworks/Libraries	Numpy, Pandas, Keras, TensorFlow
Tools	Git, Google Colab
Further Knowledge	Machine Learning basics (RNN, LSTM, CNN, RL, NLP), LaTeX
Professional Development	Engaged in learning through online platforms like Datacamp

WORK EXPERIENCE

Personal Fitness Training	Ocean Township, NJ	Aug 2022 - present
– Managed a personal training business servicing clients, handling scheduling, and evaluating client progress, demonstrating excellent organization and multitasking skills.		

EDUCATION

2018 – 2022	Hillel Yeshiva High School Diploma	4.0 GPA
2022 – 2026	Rutgers University Bachelor's, Double Major: Computer Science & ITI	3.652 GPA

CERTIFICATIONS

2023	Learn Intermediate Python 3 Course , Codecademy
2024	Applied Data Science Specialization (Including Data Analysis and ML) , IBM