

# 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 [jimmymishan.com](http://jimmymishan.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

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

## WORK EXPERIENCE

<b>Personal Fitness Training</b>	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	3.765 GPA

## CERTIFICATIONS

2023	<a href="#">Learn Intermediate Python 3 Course</a> , Codecademy
2024	<a href="#">Applied Data Science Specialization (Including Data Analysis and ML)</a> , IBM