

Tirth Patel

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SUMMARY

Computer Science student and STEM Peer Teacher with experience in tutoring, operations, and building web applications. Seeking Software Engineering internships.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript

Tools: Git, Linux, VS Code, GitHub

Web: Flask, HTML, CSS, REST APIs

Concepts: OOP, Data Structures, Basic ML

CERTIFICATIONS

Deloitte Australia – Data Analytics Job Simulation (Forage)

May 2025

Virtual experience in client data analysis and dashboarding.

Mastercard – Cybersecurity Job Simulation (Forage)

May 2025

Virtual experience in threat analysis and incident reporting.

PROJECTS

WatchNextAI

2025 – Present

Movie Recommendation System

Python, Flask, APIs

Built a web-based movie recommendation tool using TMDB API for metadata and preference-based filtering.

Implemented backend routes and a simple responsive UI; deployed for portfolio use.

Portfolio Website

2025 – Present

Personal Website

HTML, CSS, JavaScript

Designed and deployed a personal portfolio website showcasing projects and experience.

Optimized layout for desktop and mobile and hosted via GitHub Pages.

Programming Fundamentals Coursework

2024 – 2025

Academic Projects

Python, Java

Completed CS50P and CIS151 coursework covering OOP, loops, file I/O, and data handling.

Built console utilities such as guessing games, sorting tools, and simple data processors.

EXPERIENCE

STEM Peer Teacher (Mathematics)

Aug 2025 – Present

Cleveland State University

Cleveland, OH

Supported Pre-Calculus I (MTH 167) instruction across multiple sections and exam periods.

Facilitated problem-solving sessions and clarified mathematical concepts for diverse learners.

Operations Assistant

Jan 2026 – Present

CENTERS Recreation Center

Cleveland, OH

Assisted with daily facility operations, equipment support, and member inquiries during activities.

Maintained safety standards and an organized recreational environment during peak hours.

EDUCATION

Cleveland State University

Cleveland, OH

B.S. in Computer Science, Minor in Mathematics

Jan 2025 – Present