

Niraj Dhakal

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SUMMARY

Seeking internships and hands-on learning opportunities to enhance coding and programming skills.

EDUCATION

University of Maryland Baltimore County

Bachelor of Science, Computer Science

Coursework: C++, Python, Data Structures

May 2026

SKILLS

Languages: Python3, C/C++, Java, HTML/CSS, SQL

EXPERIENCE

Teaching Fellow | University of Maryland, Baltimore | 01/2024 - Present

- Assisted students in weekly office hours on Object-Oriented concepts.
- Assisted students with projects that involved concepts such as memory management using pointers, linked lists, and inheritance.
- Graded projects on a bi-weekly basis written in C++. Projects involved concepts such as memory management, polymorphism, and inheritance.

Teaching Assistant | University of Maryland, Baltimore | 08/2023 - 01/2024

- Assisted in explaining complex concepts, algorithms, and programming principles to students. Coached them in debugging code and resolving coding challenges.
- Conducted lab sessions, where students practiced Python programming skills.
- Assisted with grading assignments and tests, providing constructive feedback to students.
- Supported coding, testing, and implementing functions allowing students to submit their work in the terminal.

PROJECTS

Student Workout Manager | CMSC202 | Fall 2023

- This project aimed to create a workout management system for students and allowed them to create a personal workout plan based on the input.
- Created project plan and designed the system's data and process flow.
- Implemented the application using **C++**.
- Applied data structures such as linked lists to store and modify user data.

iOS Movie App Developer *Self-Initiated Project* | Summer 2024

- Developed an **iOS app** that displays a list of movies using a **movie database**
- Utilized the **Swift** language to build the app.
- Integrated **APIs** to fetch and handle real-time data
- Focused on **UI/UX design** principles to create an appealing and user-friendly layout.
- Managed project timelines effectively, balancing coding, testing, and debugging to ensure timely delivery.

