Cade Prokop

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EDUCATION

Bachelor of Science - BS, Computer Science, Montclair State University   **May 2026**

- **GPA**: 3.97
- **Relevant Coursework**: Software Engineering I & II, Database Systems, Data Structures & Algorithms
- **Awards:** Dean's List - Fall 2022, Spring 2023, Fall 2023, & Spring 2024

SKILLS

- **Programming Languages**: Python, TypeScript, JavaScript, Java, HTML5, CSS, SQL, Bash
- **Tools & Frameworks**: Git, GitHub, React, Next.js, FastAPI, TailwindCSS, Bootstrap, Docker, Flask, jQuery

WORK EXPERIENCE

NextFoundArtist, Remote   **January 2025 - Present**

Software Engineer Intern

- Implemented CRUD operations using Python, FastAPI, and SQL, optimizing data management processes and enhancing backend performance.
- Developed and maintained the user dashboard utilizing React, Next.js, and TypeScript ensuring a dynamic and responsive user interface.
- Designed and optimized UI components with Tailwind CSS, delivering a visually appealing and responsive design across devices.

Franklin Lakes Public Schools, Franklin Lakes, NJ   **Jun 2022 - Aug 2024**

Information Technology Intern

- Developed a time-correction Python script using ntplib that executes on startup and allows for seamless time synchronization between the system's clock and the current time zone, eliminating manual intervention.
- Designed and implemented a Python script to automatically connect to secure Wi-Fi networks within range, enhancing security and eliminating the need for manual network configuration.
- Efficiently disassembled and reassembled room setups to enhance and optimize teacher computer connections, while effectively troubleshooting and resolving issues with computers to ensure smooth functionality.

Montclair State University, Montclair, NJ   **Sept 2023 - May 2024**

Undergraduate Researcher

- Built a Python script that increased data gathering by 100% from a Mixed Reality (MR) device, ensuring effective and rapid data retrieval.
- Performed comprehensive troubleshooting to address issues related to computer systems, networks, and MR hardware, securing efficient resolution and optimal functionality.

PROJECTS

- **Coders Den** - Developed a full-stack e-commerce website using HTML5, CSS, JavaScript, and Flask. The platform features purchasable coding courses and detailed professor profiles. It also incorporates secure user authentication with encryption for both login and registration. **View Here: https://github.com/Cadeprok/Coders-Den**
- **MSU Computing Club Website** - Created a dynamic multi-page website utilizing HTML5, CSS, JavaScript, Bootstrap, and jQuery to effectively showcase club information such as general information, meeting times, and board member profiles. **View Here: https://msucomputerclub.netlify.app/**

LEADERSHIP EXPERIENCE

Treasurer, MSU Computing Club   **Sept 2022 - January 2025**

- Led oversight of SGA budget requests and proposals, collaborating with the school treasurer on purchases.
- Actively engaged with board members, fostering a collaborative environment to plan and execute diverse workshops and engaging giveaways, contributing to the seamless success of various events.