

MELVIN BERKOH

SOFTWARE ENGINEER

CONTACT

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🌐 Portfolio: <https://portfolio-ten-olive-82.vercel.app/>

🔗 <https://github.com/MelvinBerkoh>

🌐 Melvin Berkoh

SKILLS & EXPERTISE

- **Programming Languages:** JavaScript, TypeScript, Python, Java, C, C++, Bash, HTML, CSS, SQL
- **Frontend:** React, Next.js, Tailwind CSS, Chakra UI, Responsive Design
- **Data/ML:** pandas, NumPy, scikit-learn, matplotlib, Jupyter Notebook
- **Tools:** Git, GitHub, AWS, Chrome Extension APIs, VS Code, Figma
- **Backend:** Node.js, Express, REST APIs, PHP
- Oral and Written Communicator
- Reliable and Consistent
- Enthusiastic about collaboration and teamwork.
- Committed to Lifelong learning

EXTRACURRICULARS

- **NJIT Mens Lacrosse** : Promotes successful teamwork, Increases productivity, Effectively leading a team with a demanding and time-sensitive schedule

WORK EXPERIENCE

Web Developer (Freelance)

Self

Dec 2023 - Current

- **Developed and deployed** the **Cherries On Top Catering** website using **HTML, CSS, and JavaScript**, implementing a mobile-responsive design with animations, a contact form, an **event calendar**, and an **Instagram API** integration for a live social media feed.
- **Optimized SEO** with meta tags, blog keyword strategies, and **integrated Google Analytics** to track visitor data and improve engagement.
- **Built a React and Tailwind CSS** website for **Eligido.com**, featuring a custom **CMS for easy content management**, dynamic animations, and a scalable architecture.
- Focused on **user experience, performance optimization, and debugging**, ensuring smooth functionality across different devices.

Website and Form's Intern

Mendham Township

May 2023 - Sep 2023

- Updated and modernized a township website to improve communication with residents.
- **Developed and conducted a survey** to gather data, assisting the township in making informed decisions on service pricing
- **Facilitated the redesigning and updating** a website originally created by CivicPlus
- **Documented** requirements and implemented them into the new design of the website
- Collected user responses into **JSON files** upon submission of survey
- Utilized tools like **Node Express and AWS** for organized storage of data and servers

PROJECTS

PolicyScope — Chrome Extension / AI Tool

- Built backend and clause detection logic for a Chrome extension prototype that scans Terms of Service and Privacy Policy pages.
- Implemented rule-based detection for policy clauses including data collection, billing, legal disputes, account access, and user rights.
- Connected detected clauses to a Node.js/Express backend that securely generated AI-powered plain-English summaries.

Covey.Town Escape Room — Multiplayer Game Feature

- Built frontend game-state logic for a cooperative multiplayer escape room inside an existing Covey.Town codebase.
- Helped implement lobby flow, player count tracking, countdown behavior, puzzle state, scoring, and end-of-game feedback.
- Worked with shared game-area controller patterns to keep player state, lobby state, and mini-game progress synchronized.

EDUCATION

B.S. in Computer Science

May 2026

NJIT - Ying Wu College of Computing

A.S in Computer Science

May 2023

County College of Morris