

# Michael Nguyen

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## EDUCATION

**University of California, Santa Cruz - Baskin School of Engineering**  
*Bachelor of Science, Technology & Information Management*

**Santa Cruz, CA**  
*September 2018 - June 2022*

- **Relevant Coursework:** Data Structures & Algorithms, Intermediate Programming, Computer Networks, Computer Systems & C Programming, Database Management Systems, Management of Technology I and II

## SKILLS

**Languages:** JavaScript, HTML, CSS, TypeScript, Python, C/C++, Java, GraphQL, PHP, SQL

**Frameworks:** React.js, Express.js, Next.js, Tailwind CSS, MongoDB, Node.js, Material UI, MySQL, Bootstrap

**Technologies:** Git Version Control, REST API, Figma, Tableau, NPM, Redux, Adobe XD, Office Suite, WordPress, React Router

## WORK EXPERIENCE

**Google**

**Mountain View, CA**

*Systems Analyst*

*November 2022 – Present*

- Developed an internal Google Nest Trusted Testers website with HTML, CSS, and JavaScript, improving information management on Nest news, products, and services for 15,000+ Alphabet employees
- Coded 25+ fully responsive CSS and HTML marketing emails for Nest external testers, implementing dynamic content and automated triggered flows to enhance user engagement by 70%
- Built a centralized MySQL Trusted Tester User Database for 10,000+ Google external testers, consolidating data from 20+ artifacts and improving data management
- Implemented 8 Python scripts for Google Workspace automation, reducing manual task time by 85%
- Designed and presented 10+ user feedback data visual dashboards, driving informed decisions on product quality, and risk assessment for Nest Senior Leadership
- Oversaw Nest user feedback programs for the Google Home app, Nest Thermostat, and Pixel Tablet
- **Technologies:** SQL, MySQL, JavaScript, Python, HTML, CSS, Smartsheet, Google Analytics, Google Workspace

**Your Future is Our Business**

**Santa Cruz, CA**

*Web Developer*

*February 2022 - July 2022*

- Converted FIGMA wireframes into dynamic HTML, CSS, and JavaScript code, driving a comprehensive overhaul of Your Future is Our Business' main [website](#) and improving site performance and speed by 60%
- Coordinated with a UX Designer to curate 200+ podcast highlight clips, enriching content for the new website
- Increased user engagement and website conversion by 50% through the creation of accessible, responsive, and functional landing pages for About Us and Podcast sections and merging reusable React.js components
- **Technologies:** HTML, CSS, JavaScript, React.js, Git Version Control, Figma, WordPress, PHP

## PROJECTS

**MThreads (Social Media Web Application)** | [Github](#) | [Live](#)

**August 2023 - Present**

- Created a full stack responsive MERN social media app with Next.js 13.4, supporting server-side rendering, user threads, responses, activity tracking, and community participation
- Utilized MongoDB for handling complex schemas and data population, implementing pagination and layouts with Tailwind CSS and Shadcn UI components
- **Technologies:** Next.js 13, React.js, TypeScript, MongoDB, Tailwind CSS, Shadcn UI, Clerk

**MFilms (Movie Web Application)** | [Github](#) | [Live](#)

**June 2023 - August 2023**

- Leveraged the TMDB API to fetch real-time movie data in a responsive React-based movie web application, featuring user authentication, dark mode, and voice assistant querying with Alan AI
- Implemented user functionalities like movie sorting, favorites, and add to watchlist, utilizing Material UI designs with Tailwind CSS, and Redux for state management
- **Technologies:** HTML, CSS, JavaScript, React.js, Tailwind CSS, Material UI, Redux, Alan AI, TMDB API