

# 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

**Frameworks:** React.js · Express.js · Next.js · Tailwind CSS · MongoDB · Node.js · Material UI · SQL · Bootstrap

**Technologies:** Git Version Control · VS Code · Figma · Tableau · NPM · Redux · Adobe XD · Office Suite · WordPress

## 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
- Created 25+ responsive HTML coded emails, streamlining marketing communications with external testers
- 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
- Managed 6 project plans for user feedback programs including the Google Home app, Nest Thermostat, Legacy Camera Migration, and Pixel Tablet
- **Technologies:** SQL, MySQL, JavaScript, Python, HTML, CSS, Smartsheet, Google Analytics, Google Workspace

**Your Future is Our Business | [Live](#)**

**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
- **Technologies:** HTML, CSS, JavaScript, React.js, Git Version Control, Figma, WordPress

## 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 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