

Michael Nguyen

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EDUCATION

University of California, Santa Cruz - Baskin School of Engineering

Santa Cruz, CA

Bachelor of Science, Technology & Information Management

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 · Google Workspace · Office Suite · WordPress

WORK EXPERIENCE

Google

Mountain View, CA

Systems Analyst

November 2022 – Present

- Spearheaded the development of an internal Google Nest Trusted Testers website, improving information accessibility for 15,000+ Alphabet employees with HTML, CSS, and JavaScript
- Translated 25+ mock designs into external HTML emails, streamlining communication for external testers
- Managed 6 project plans for user feedback programs including the Google Home app, Nest Thermostat, Legacy Camera Migration, and Pixel Tablet
- Built a centralized MySQL Trusted Tester User Database for 10,000+ testers, consolidating data from over 20 sources 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
- **Technologies:** SQL, MySQL, JavaScript, Python, HTML, CSS, Smartsheet, Google Analytics, Google Workspace

PROJECTS

MThreads (Social Media App) | [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 App) | [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

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

March 2021 - July 2021

- Converted FIGMA wireframes into dynamic HTML, CSS, and JavaScript code, driving a comprehensive overhaul of Your Future is Our Business' main website
- Coordinated with a team of 4 to curate 200+ podcast highlight clips, enriching content for the new website
- Increase user engagement 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