Matthew Chan

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Education

Skidmore College – BA in Computer Science, Dean's List Honors   September 2018 – May 2023 (COVID-19 gap year)
Relevant Courses: Database Systems

Experience

Technical Consultant, Eyre Writing Center (rebranded to Letterly.io)   April 2023 – December 2023
- Redesigned and implemented company website, driving over $100,000 in revenue
- Reduced manual data entry by 90% from Stripe to company CRM using JavaScript APIs
- Reduced customer onboarding time 75% by creating customer support portals
- Onboarded 200 Brooklyn Tech students in company's first B2B contract
- Worked with CEO and technical lead to implement payment and onboarding flows
- Provided technical support, resolving 90% of issues within 24 hours

Web Developer Internship, Hutchison Telecommunications   June 2020 – August 2020
- Improved developer testing efficiency by writing tests, test drivers using Node.js and Playwright
- Developed software saved 7 hours of QA time on React codebase per week

Projects

Boomboxd (June 2024 – Present)   boomboxd.vercel.app, github.com/multimattia/spot-rating
Ongoing/early stages: Letterboxd, for music. Used React and Astro for user-shareable playlists. Serverless deployment.
- Designed database schema to store user and song metadata, handle Spotify login integration
- Implementing automated ETL pipeline from Spotify's API to project's libSQL database
- Implemented serverless REST API: endpoints for CRUD operations and authentication middleware
- Designed front-end using HTML/CSS/JS, following the Radix UI color system

Bauhinia Labs
Casual, collaborative software organization.
- Acted as technical lead in a three-person team using Next.js 13 and Supabase (https://thefinalslfg.vercel.app/)
- Created React components and SQL database schema
- Set up Discord integration login flow and architected state management solution
- Worked with team to implement designs from various Figma mockups using Tailwind CSS, CSS
- Migrated React Native project from Core Components to Tamagui

Game server and website on Oracle Cloud   mc.maatwo.com/maps
- Implemented DDoS protection, HSTS, and renewing SSL wildcard certificates for Nginx web server
- Configured Minecraft server with an browser-viewable 3D map hosted on a Docker container
- Configured automated offsite backups using Rclone

Skills

Programming Languages: JavaScript (ES6), TypeScript, Java, Python, SQL
Web Technologies: React, Cloudflare Workers, Tailwind CSS, Node.js, Next.js, Playwright
Other: Figma, Docker, GitHub Actions, Oracle Cloud, SDLC

Leadership and Activities

Vice President/Co-founder, Skidmore Computer Science Club   September 2022 – May 2023
- Co-founded CS club with a focus on community outreach
- Delivered lectures on Git, introducing students to industry standard practices
- Worked with club to host talks from alumni at Google, Stripe, and Adona Medical
- Organized and attended bootcamps focusing on CI/CD, interview preparation, and SDLC