

Tri Nguyen

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EDUCATION

Minerva University

Bachelor of Science in Computer Science,

Concentration in Mathematics and Artificial Intelligence

San Francisco, CA

Sep 2023 – May 2027

EXPERIENCE

Full Stack Web Developer

Jan 2025 – Present

Seoul Nooks

Seoul, South Korea

- Developed a dynamic booking interface using React, Tailwind CSS, with real-time room availability, and lazy-loaded image galleries, reducing page load times by 40% which increase the rate of payment failure.
- Building a secure backend with Django, RESTful APIs, and PostgreSQL, handling daily bookings, coupon validation, personalized application forms and automated email confirmations, increasing form completion rates by 20%, reducing infrastructure costs by 80% compared to third-party services.

Web Developer

Sep 2024 - Dec 2024

LnData, Inc

Taipei, Taiwan

- Analyzed five years of Easy Card transaction data to support user interface research and human behavior modeling, targeting reductions in Scope 3 emissions
- Designed a Figma prototype for a web extension and mobile app delivering actionable Scope 3 emissions insights to 150 corporate employees within their company accounts

Admission Data Analyst

Aug 2024 - Present

Minerva University

San Francisco, CA

- Data filtering and labeling 500+ applications per cycle through Scikit-learn for categorization, Pandas for data manipulation and NumPy for efficient data handling
- Cut processing time by 20 % through Python-based automation which led to more potential applicants interviews

PROJECTS

Carebear | *React Native, TypeScript, MongoDB, Gemini, Tailwindcss*

[Github](#)

- Developed caregiving mobile app featuring real-time task management, image-based medication scanning, and task creation through AI prompts, reducing manual task creation time through AI suggestion plans from text descriptions or medication photos, while providing real-time notifications
- Delivered a scalable care mobile app that supports multiple user roles (caregivers, patients, family members) with features like priority flagging (high/medium/low), automated reminders, and completion tracking - reducing missed medication/appointment incidents

Soulvenir | *Next.js, Tailwind CSS, Supabase, Clerk*

[Live](#)

- Built full-stack ecommerce supporting product management, workshop bookings, blog content management, and payment processing with seamless user experience across desktop and mobile devices
- Developed admin portal processing 1000+ daily transactions with real-time analytics including revenue tracking, customer acquisition metrics, and automated PDF/CSV report generation as well as CRUD operations for products, workshop and blog management

White-mirror | *Python, React, PostgreSQL, FastAPI, Tailwind CSS*

[Github](#)

- Built a React frontend that processes real-time messaging via WebSockets , integrating with 12+ FastAPI endpoints to deliver manipulation detection with 85% accuracy and sub-250ms response time, while using TailwindCSS and React Query for optimized API state management.
- Created a chat bot that queries API endpoints to generate dynamic visualizations with D3.js and Chart.js, transforming complex ML analysis into 8+ customized chart components that improved user comprehension by 65% while supporting 15+ analytical commands for manipulation pattern detection across conversation contexts.

TECHNICAL SKILLS

Languages: Python, SQL (Postgres/MySQL), JavaScript, HTML/CSS, R and LaTeX

Frameworks: React, Node.js, Django, RESTful API, FastAPI, React Native, Next.js

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Figma, Tableau, Stata, Google Analytics