

# Ethan Lanting

ethanlanting.dev | linkedin.com/in/ethanlanting | 312-752-6473 | ethanlanting@utexas.edu | github.com/EthanL06

## EDUCATION

### University of Texas at Austin, College of Natural Sciences

Bachelor of Science in Computer Science

Austin, TX

Aug. 2024 – May 2028

**Relevant Courses:** Calculus I and II, Data Structures, Discrete Math

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS, Python, PHP, Twig, C#, Java, Lua

**Frameworks:** React, Next.js, Node.js, Tailwind CSS, Shadcn/UI, Flask, FastAPI, WordPress, Webflow

**Developer Tools:** Git, GitHub, Docker, AWS, Firebase, Vercel, Google Analytics, PostHog, Figma, ACF, Timber, Local

## EXPERIENCE

### Web Developer

Sept. 2024 – Present

*UT Austin Center for Media Engagement*

*Austin, TX*

- Developed a **Next.js** dashboard that integrates with a **Firebase Firestore** database to dynamically display user support requests in a structured table format in order to enhance data accessibility and streamline support management.
- Built an asynchronous CSV export feature in **JavaScript** to streamline report generation, improving data accuracy and accessibility by converting JSON to CSV with dynamic headers, ISO 8601 date formatting, and user ID-email mapping.
- Collaborated with a development team to design and build custom template sections for CME's 2024 Annual Report, using **PHP**, **WordPress**, **Timber**, **ACF**, and **Local** to enhance the report's presentation and user experience.

### Software Engineer Intern

Apr. 2024 – Aug. 2024

*YourMove AI*

*Remote*

- Managed end-to-end development process of AI date idea generator, including specification definition, **UI/UX** collaboration on **Figma**, and the integration of an **OpenAI GPT**-powered backend **REST API** with a **Webflow** frontend.
- Engineered admin dashboard panel with **Streamlit** and **Firebase**, enhancing customer service and data management capabilities.
- Conducted **A/B testing** on CTA content and pricing strategies with **PostHog**, leading to 30% boost in conversions.

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

### Build Team Developer

Sept. 2024 – Present

*Texas Convergent*

*Austin, TX*

- Engineered mobile platform using **Expo React-Native** framework, implementing core features including geolocation services, photo upload functionality, and real-time issue tracking for citizen-government communication.
- Collaborated effectively with product managers and designers in agile environment to translate user requirements into technical specifications, iterate on UI/UX improvements, and ensure seamless integration of design assets.

### Chrome Extension Developer

Sept. 2024 – Present

*Longhorn Developers*

*Austin, TX*

- Contributed key features for the upgrade of UT Registration Plus, a Chrome extension leveraging **React** and **TypeScript** to help streamline the course registration process for 60,000+ UT students.
- Operated in an agile team of 15+ developers using **GitHub Projects** for task management and implemented robust code review processes through pull requests to ensure code quality.

### Webmasters Team Leader

Aug. 2021 – May 2024

*Technology Student Association*

*Katy, TX*

- Led 6-person team to create award-winning TSA Webmasters competition sites focused on space tourism and sustainability.
- Managed project timelines and task delegation while overseeing technical website development, including framework selection, **GitHub** repository management, branch organization, PR reviews, and ensuring compliance with competition regulations.

## PROJECTS

**ecoNest** | *Next.js, TypeScript, Tailwind CSS, Firebase, Framer Motion, Three.js, Mapbox, Shadcn/UI*

- Website for promoting sustainable living with features such as a 3D Home Builder Tool, "Eco Points" incentive system, blogs, and a social network for homeowners.
- **Ranked 1st in Texas and 6th nationally in the 2024 TSA Webmasters Event.**

**Galaxy Adventures** | *Next.js, Tailwind CSS, Framer Motion*

- A mock space tourism website with future space destinations, travel packages, a review system, and ticket booking functionality.
- **Ranked 2nd in Texas and 4th nationally in the 2023 TSA Webmaster Competition.**

**sharity.** | *Next.js, Firebase, Tailwind CSS, Framer Motion, Google Vision API, Mapbox, Shadcn/UI*

- A concept online platform to streamline the donation process. Utilizes AI for object recognition from images, automatically cataloging donation items and connecting them with local charities, food banks, and organizations based on specific needs.
- **Placed 1st in the 2024 LaunchHacks III Hackathon.**

**Nuttlet** | *Next.js, Tailwind CSS, Framer Motion*

- Built a Quizlet-style web app with **CRUD** operations, Google auth, and social sharing for users to create and study flashcard sets.