EMMET LEDELL

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EDUCATION

Virginia Tech, B.S. in Computer Science | Blacksburg, VA   **May 2026**

Relevant Coursework: Discrete Math, Linear Algebra, Computer Organization, Data Structures

SKILLS

- Languages: JavaScript, TypeScript, CSS, HTML, Python, C, Dart, Java, SQL
- Frameworks: React, React Native, Svelte, Flutter, Flask
- Tools: Tailwind CSS, AWS, Git, PostgreSQL, Firebase, NativeWind, Supabase, Mapbox

EXPERIENCE

Founding Software Engineer, MABLE   **Nov 2024 — Oct 2025**

- Led a team of 5 interns in delivering multiple projects across 4 clients.
- Leveraged Gemini to process and quality-check thousands of 100+-page documents, **saving clients $2,000+ per month** in labor costs and **reducing report-processing time by 95%**.
- Developed an AI chatbot that instantly retrieves top results from thousands of manuals and training guides using cosine similarity before Gemini processing, boosting client work speed by 15%.
- Compiled 20k+ physical property-related documents into an organized hierarchy resulting in a **10× faster retrieval**.

Co-Founder, Project Torch   **May 2024 — Present**

- **Led a team of 6 engineers** to create free websites for local Blacksburg restaurants.
- Recorded **15k+ unique monthly users** across all websites, tracking growth via analytics.

PROJECTS

SecondStudent   **Sept 2025**

- Created a rich-text editor allowing users to format their notes as well as use custom blocks like data tables or embeds of Google Docs or Excalidraw directly into notes.
- Created a knowledge management system that allows for in-app file organization, creation, and viewing.
- Created a plugin store to allow for users to create, upload, and download custom functionality that directly integrates with the rich-text editor and file management system.
- Built a Canvas LMS plugin which allowed users to view class info, including notes, assignments, and announcements, edit class notes directly from their class info, and allowed students to submit assignments directly within the app from files within local app storage.

SteerClear   **Feb 2025**

- Developed a React app that **won Best Startup Hack at HackViolet 2025**. Allows users to report real-time dangers with a custom routing algorithm that routes around areas with reported danger.
- Used Supabase and Mapbox to create a real-time danger heatmap, keeping data up to date by utilizing a data decay model to gradually flush reports as they became more outdated.
- Created in-app service for users to contact a designated emergency contact.

Travel Guide App   **Oct 2024**

- Developed a Flutter app connecting tourists and locals via a messaging system with live translation utilizing ChatGPT to convert languages to the users' preferred language, facilitating seamless communication across languages.
- Designed and implemented a personalized itinerary generator utilizing ChatGPT to suggest activities based on user input (destination, budget, schedule) and insights from conversations with locals.