Kaden Le

346-813-3535 | kadenle@utexas.edu | linkedin.com/in/kadenle

Education

The University of Texas at Austin — Austin, TX
Bachelor of Science in Computer Science | GPA: 3.6 — *May 2028*

- **Relevant Coursework:** Operating Systems, Computer Architecture, Data Structures, Discrete Math, Probability, Linear Algebra
- **Honors & Awards:** UTCS Dijkstra Scholar, Haraldson Foundation Scholar

Experience

Cisco Systems | *Software Engineering Intern, Raleigh, NC* — June 2026 – September 2026

- Built Python/FastAPI services processing **45+ quote requests/week** for a 20+ member team; standardized inputs and verified BOM details via Cisco's Product Information API, cutting manual quoting time by **95%**.
- Built a Python service to load the latest catalog from SharePoint, letting employees filter **1,000+ services** in-browser without extra backend calls per selection and export client-specific spreadsheets.
- Built a Webex support bot for a space serving **500+ clients and 20+ engineers**; integrated Cisco Circuit RAGaaS with webhooks, administrator permissions, per-user rate limits, and answer feedback.
- Built a Google Cloud Storage ingestion pipeline for **50+ documents**; enabled engineers to save Q&A through Webex commands with **<5-minute knowledge-update latency**.

UT Austin Autonomous Driving | *Undergraduate Researcher, Austin, TX* — January 2026 – Present

- Led development of a Python/ROS2 pipeline converting RGB recordings into detected pedestrians and motion features through frame extraction, YOLO11 inference, and feature-generation scripts.
- Built a Python web annotation tool with interactive bounding-box labeling and frame/person-indexed JSON exports; led creation of **5,321 labeled person-pairs across five recording sessions**.
- Trained a Random Forest to classify pedestrian group membership from proximity, velocity, and movement direction, achieving **0.90 macro F1 on 256 person-pairs** from a held-out recording session.

Freetail Hackers | *Software Engineer and Organizer, Austin, TX* — February 2026 – Present

- Built a TypeScript/tRPC judging backend with PostgreSQL transactions to prevent duplicate judge assignments and recover abandoned assignments; used for **300+ projects and 70+ judges** at HackTX 2026.
- Built core workflows in a ground-up rewrite of Freetail's hackathon management platform alongside **10+ developers**; the platform processed **2,500+ applications** with zero outages.
- Shipped Apple and Google Wallet hacker IDs for **1,150+ participants**; validated QR passes server-side, cutting check-in time by **15%** across multiple hackathons.

Verdit | *Founder & Software Engineer, Austin, TX* — March 2026 – Present

- Built a restaurant discovery and review app tested with **35+ users**; developed PostgreSQL review APIs with ownership checks and a unique user/restaurant constraint to prevent duplicates on retries.
- Implemented signed 100 MB video uploads with per-user rate limits and abandoned-file cleanup.
- Built nearby restaurant search with PostGIS, using a GiST index to narrow distance checks; measured **<215 ms p95** on a **9,800-record dataset** at **50 concurrent requests**.

Projects

Begode Warranty Support Platform | *TypeScript, Supabase, Vercel* — February 2026 – April 2026

- Built a Supabase warranty support prototype for electric-unicycle claims, with customer intake and admin review.
- Built PostgreSQL REST APIs with role-based access and audit logs covering **100% of claim-status changes**.
- Cut processing time by **40% in simulated workflows** versus a manual baseline using an informal Telegram chat.

MindTrack | *TypeScript, React, Node.js, SQL* — November 2025 – December 2025

- Built a mental health app for patients and clinicians, with SQL-backed health logs tested by **50+ users**.
- Reduced patient-history queries from **12 to 3 per request** by batching medication, mood, and side-effect data.
- Built retry-safe health-log APIs with patient/clinician permissions, preventing duplicates and unauthorized access.

Newsify | *Python, Flask, NLP* — October 2025

- Built a Flask REST API serving misinformation predictions from a Python classifier to a Chrome extension.
- Trained a **TF-IDF/Passive-Aggressive classifier** on **20,000+ articles**; achieved **90% F1** in evaluation.
- Optimized article text preprocessing, reducing feature dimensionality by **15%** and model training time by **25%**.

Technical Skills

Languages: Python, TypeScript, SQL, Java, C, C++, JavaScript
Frameworks/Tools: FastAPI, Node.js, Flask, PostgreSQL, Supabase, Deno Edge Functions, Google Cloud Storage, Docker, Vercel, Git, React, React Native, Angular, Vite, ROS, TensorFlow, Pandas, RViz, Foxglove, Claude Code, Codex
Interests: Electric Unicycles, Pickleball, Billiards, Competitive Board Games, Golf, Bouldering, Sushi