

Graham Zemel

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Education

University of Colorado at Boulder

Bachelor of Arts in Computer Science | GPA: 3.7

Minor in Philosophy

Boulder, CO

Aug 2024 – Present

- Chancellor's Achievement Scholarship Recipient
- Relevant coursework: Algorithms, Intro to Cybersecurity, Database Systems, Principles of Programming Languages, Computer Systems, Intro to Data Science, Discrete Structures, Data Structures.

Professional Experience

The Undergraduate Interfraternity Council at the University of Colorado, Inc.

Director of Technology

Boulder, CO

Dec 2025 – Present

- Lead technology initiatives for IFC executive leadership, supporting **22 fraternities and 2,500+ fraternity members** via event operations, access control, and organizational workflows.
- Designed and deployed FratDoor, a digital guest management platform with whitelist/blacklist controls, timestamped entry logging, and accountability workflows for chapter events.
- Built IFC EventHub, an event registration system for fraternity parties and rush events, including automated email notifications, emergency contact workflows, and law-enforcement operational details.

Leeds Technology Services, University of Colorado Boulder

Student IT Support Technician

Boulder, CO

Jan 2025 – Present

- Resolved **1,000+ faculty support tickets** through ServiceNow and in-person troubleshooting.
- Diagnosed and resolved hardware, software, and network issues for the Leeds School of Business, balancing fast user support with secure and reliable technical resolution.

Projects

FratDoor – Fraternity Event Management & Check-In System

Boulder, CO

- Built FratDoor, a full-stack event operations platform adopted by **42 fraternities**, replacing manual door workflows with ID/QR check-in, blacklist enforcement, ticketing, and live analytics.
- Engineered a centralized operations dashboard with Svelte, Node.js, and Firestore that handled **300,000+ check-ins** across **1,500+ events** with offline redundancy, mobile scanning, and live updates.
- Implemented production subscriptions, authentication, notifications, chapter ticketing payout workflows, FratBot (inline AI chatbot), and admin dashboards using Stripe, PayPal, and safety/compliance workflows for both chapter operators and IFC-level oversight.

TextCloaker – AI Text Transformation Platform

Westport, CT

- Invented and shipped TextCloaker's core transformation algorithm, using targeted zero-width Unicode insertion and homoglyph substitution to preserve readability while disrupting AI-detector parsing.
- Built and launched a bootstrapped full-stack SaaS and Chrome extension used by **7,000+ users**, processing **750+ cloaks** and **3,334,000+ characters** in production.
- Designed the end-to-end platform with Svelte, Firebase, Stripe, and Chrome Extension APIs, including subscription billing, referral flows, cloak history, and internal admin dashboards.
- Added rate limiting, REST APIs, analytics, lifecycle email automation, and live metrics dashboards to monitor adoption, retention, and conversion, enabling rapid iteration from production user behavior.

Skills & Interests

Technical: Svelte, Node.js, Firestore, Google Cloud, SQL, Python, Web Scraping, Bash, AWS, and Linux.

Certificates: Google Cybersecurity Professional, Google Analytics Advanced, Google Analytics for Beginners.