Evan Gabrielson

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EDUCATION

University of Southern California August 2021 - December 2023
M.S. Electrical and Computer Engineering, Machine Learning and Data Science

University of Southern California August 2018 - May 2022
B.S. Electrical and Computer Engineering

Honors: Magna Cum Laude, USC Presidential Scholar, USC Viterbi Research Fellow, Lundquist Scholar
Awards: Viterbi Merit Research Award, TroyLab's "Startup of the Year", Contrary VC's "US College Startup Champion"
Leadership: Vice President and Treasurer at Troy Tones Acapella, Treasurer at USC Club Water Polo

WORK EXPERIENCE

Software Engineer October 2024 - Present
Glean Technologies

- Lead full-stack development of Glean's agentic business observability platform—Go backend services, SQL data pipelines, and React/TypeScript frontend that continuously mines unstructured enterprise data (Gong call transcripts, Zendesk tickets, Slack threads) and surfaces real-time, decision-ready insights; achieved 70% weekly active usage among GTM teams within 5 weeks of launch and 40% DAU company-wide.
- Designed and built Admin Copilot, an LLM-powered agent that automates complex enterprise configuration (connector setup, IdP integration, OAuth SSO) through a dedicated MCP server with permission-gated tool framework; serves 100–200 admins weekly with 15% month-over-month support ticket deflection.
- Architected centralized RBAC framework across Glean's agentic infrastructure, including audit logging processing 5K–10K compliance events daily across hundreds of customers, and custom OAuth/SCIM integrations with enterprise identity providers (Okta, Ping, Workday, Azure).
- Built consumption-based billing platform translating LLM token usage into billable credits for hundreds of enterprise customers via Orb integration.

Senior Software Engineer, Applied AI January 2024 - September 2024
Datum Technologies Corporation

- Built production ML pipeline processing commercial lease PDFs into high-quality training data using GPT-4o and LangChain RAG with human-in-the-loop validation UI; achieved 5x throughput improvement, 80% cost reduction, and 99% data quality scores.
- Established platform infrastructure integrating GitHub Actions CI/CD, Twilio OAuth authentication, Stripe Connect payment processing, and Slack API support channels, reducing COO administrative overhead by 60%.

Co-Founder and Chief Technology Officer December 2021 - May 2024
Carbonlink Incorporated

- Architected and scaled multi-tenant B2B SaaS platform from zero to $60M in carbon credit transactions for 200+ enterprises, building React/Next.js frontend, Python/FastAPI backend, Redis caching layer, and Kubernetes infrastructure; implemented OAuth SSO with SCIM provisioning, granular RBAC system, and developer API portal with configurable tenant settings for compliance and customization.
- Re-architected monolithic application into serverless, event-driven microservices provisioned with Terraform on AWS, implementing distributed tracing and automated failover to achieve 99.9% uptime while reducing operating costs by 45% and deployment time by 30% as platform scaled from startup to enterprise customers.
- Built Elasticsearch analytics pipeline that identified API adoption as key revenue expansion driver, leading to 125% monthly revenue growth; established 100% sprint completion rate across 12-person engineering team.

Research Scientist August 2020 - September 2021
USC Institute for Technology and Medical Systems

- Optimized computational geometry algorithms for brain signal analysis by adapting Graham Scan for GPU acceleration with CUDA, reducing processing time from 23 minutes to 1 minute and enabling near real-time pathway simulation at scale.

Software Engineer (3 Internships) May 2019 - August 2021
Northrop Grumman Corporation

- Resolved critical bit overflow bug in flight navigation system preventing $1M+ in hardware recalls; optimized ARIMA signal processing model to 99% accuracy in 100ms; built C++ Bazel test infrastructure and monitoring for UH-60 Blackhawk avionics.

TECHNICAL SKILLS

Programming: Javascript/Typescript, Python, Golang, Java, C++, HTML/CSS, SQL (PostgreSQL, MySQL), NoSQL (Redis, DynamoDB)
Infrastructure: Docker/Kubernetes, AWS (Lambda, ECS, RDS, S3), GCP (GKE, Cloud Run), CI/CD (GitHub Actions), Terraform
Frameworks & Tools: React/Next.js, FastAPI, Node.js, REST APIs, OAuth/SAML/SCIM, Stripe/Orb, Elasticsearch, LangChain, MCP