

# Elan Smyla

Bay Area, CA | elansmyla@gmail.com | linkedin.com/in/elansmyla | github.com/esmyla | (650) 759-3063

## Education

**Purdue University** — B.S. Computer Science, Minor in Mathematics  
GPA: 3.7/4.0 | Dean's List and Semester Honors

May 2028

## Experience

**Twine Security** — *AI Engineering Intern*

May 2026 – Present

- Built a competitive Share-of-Voice platform end to end: 21 scheduled scraping workflows with a GPT-4.1 attribution gate feeding Supabase (Postgres, pgvector, RLS), plus a React / Cloudflare Workers dashboard with trends, an AI agent, and Slack alerts. Cut \$15k+ in annual costs.
- Replaced paid GTM tools (Spear, Unify) with in-house buying-signal ingestion, ICP scoring, deduplicated Salesforce sync, and human-approved outreach, saving \$30k+ annually.
- Designed the company's Claude Cowork plugin architecture: 20+ skills backed by MCP servers for CRM and LinkedIn data, with gated Salesforce writes, CI checks that keep shared brand references in sync, and a prompt regression suite.

**EvolveIQ** — *Agentic AI Engineer Intern*

May 2025 – Aug 2025

- Built a full-stack platform (Supabase auth, real-time DB, vector store, agentic workflows) that automates LinkedIn engagement with RAG-generated comments. Shipped as a customer-facing product used by 6+ companies.

**AgentSheets** — *Machine Learning Intern*

May 2024 – May 2025

- Built a lightweight JavaScript / HTML / CSS charting component that renders live graphs in published simulations.
- Labeled data and trained a model that sorts projects into 6 categories from their source code, run client-side at publish time to cut server cost. Has classified 1.7M+ projects.

## Leadership & Technical Teams

**Purdue Electric Vehicle Club** — *Computer Vision Lead, Autonomous Kart*

Aug 2025 – Present

- Won the 2026 Autonomous Karting Series National Grand Prix, Purdue's first AKS victory (1st of 9 teams from 7 universities): 5 autonomous laps in 6:20 with a 1:03 fastest lap.
- Designed a camera-based backup to GPS navigation: a top-mounted camera processes a frame every 16 ms to localize the kart against the track edges and correct steering in real time. Now building opponent-kart detection for overtaking and collision avoidance.

**Purdue Solutions** — *Project Manager*

Aug 2025 – Present

- Leading six consultants building an agentic content engine for a cybersecurity client: LLM drafting, brand and claims guardrails, and human review before publishing.
- Previously led six consultants automating a software client's marketing with Share-of-Voice and competitor-briefing tools, which the client adopted.

**Purdue MIND** — *Software Team Lead*

Aug 2024 – Present

- Built an ML pipeline on fNIRS brain-imaging data (sourced from public datasets and medical labs) to detect traumatic brain injury. Burton D. Morgan award winner.
- Leading development of a therapy glove and companion app for carpal tunnel: heat treatment, grip / pinch / flexion tracking, guided PT, and an AI agent that summarizes patient data for physicians.

## Projects

**GoldTix** — *Founder* / *goldtixapp.com*

Aug 2026 – Present

- Launched a fee-free student ticket marketplace: 100+ users, 50+ sales, and 700+ visitors in its first two weeks.
- Architected on Next.js / TypeScript / Supabase with Purdue-only auth, RLS, and security-definer RPCs guarding private data. CDN caching with client-side auth cut per-request compute by 90%.

**Hackathons** | *devpost.com/esmyla*

2024 – 2025

- Boilermake XII**, 1st place in Cloud Implementation, Use of Generative AI, and Most Likely to Become a Business: platform that generates custom sites powered by AI agents with dynamic LLM routing.
- Hello World**, 4th place overall (AI video generator for worked math solutions). **CalHacks**, Best UI sponsor award (collaborative AI-agent network).

## Skills

**Languages:** Python, TypeScript / JavaScript, C, C++, SQL, Java, Bash

**AI / ML & Robotics:** PyTorch, TensorFlow, OpenAI / Anthropic APIs, MCP, RAG, pgvector, ROS 2

**Web & Infra:** React, Next.js, Node, Flask, PostgreSQL / Supabase, MongoDB, Cloudflare Workers, AWS, Docker, Linux