

Daniel Gardner

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EDUCATION

University of Illinois Urbana-Champaign

Urbana, IL

B.S. Computer Science (Incoming Freshman)

Aug. 2026 – Expected May 2029

- Placed via AP/DE credit into: Calc 3, Discrete Mathematics, Intro to CS 2

Montgomery County Community College

Blue Bell, PA

Dual Enrollment: Data Structures, Database Management

Jan. 2025 – Aug. 2025

Great Valley High School

Malvern, PA

Diploma | SAT: 1540 (Math: 800)

June 2026

AWARDS & COMPETITIONS

SAT: 1540 (Math: 800) | USACO Gold Division — 400+ competitive programming problems solved
100+ AMC12 Problems Solved | FBLA Nationals — Web Development | **7th Place** Yale MMATHS

EXPERIENCE

AI Intern

May 2026 – Present

Natuvion

Exton, PA

- Developing AI automations for enterprise use for SAP migrations for Fortune 500 clients
- Designed and shipped a unified platform consolidating hundreds of scattered spreadsheets into a single source of truth for the organization

Technologist in Residence

May 2026 – Present

Trifecta Enterprises

Philadelphia, PA

- Building automations supporting a 5,000+ member Philadelphia tech group; collaborating with a team of four developers and two VAs

CTO & Co-Founder

Nov. 2025 – May 2026

Luminerra — luminerra.net

Malvern, PA

- Engineered multi-provider AI orchestration engine coordinating parallel inference across Claude, Gemini, and GPT; built consensus algorithm that cross-validates outputs to reduce hallucination rates below single-model baselines
- Designed fault-tolerant API layer with automatic failover, custom response parsers, and concurrent request handling across 3 providers — achieving sub-second latency on document analysis pipelines

PROJECTS

dannygardner.me | *Next.js, React, Vercel* — dannygardner.me

2025 – Present

- Live portfolio with interactive demos: GTO poker trainer with real-time EV calculations, AI-powered productivity tools, and full-stack project showcases deployed on Vercel.

Sworm | *TypeScript, Multi-Agent Systems* — github.com/dannygardner26/Sworm

2025

- Open-source multi-agent orchestration framework enabling parallel task execution with worktree isolation, inter-agent communication, and automatic conflict resolution for complex development workflows.

GardnerClaw / Personal Agent Infrastructure | *Python, AWS, Tailscale, Claude API*

2025 – Present

- Cloud-deployed autonomous agent system on EC2 with Tailscale mesh networking; runs background agents for task scheduling, content creation, and development work via mobile SSH.

LEADERSHIP & CONTENT

Technical Content: YouTube [@dannygardnercode](https://www.youtube.com/@dannygardnercode) | Instagram [@dannygardnercode](https://www.instagram.com/dannygardnercode) — CS/AI tutorials and educational content

CS Club (Co-Pres.): Directed hackathon for 60+ students (13 schools); designed 25 algorithmic problems, led USACO prep

Kids in Motion (Founder): 501(c)(3) nonprofit; 140+ youth served, \$3k+ raised

Communities: The 100 Experiment (exclusive startup community)

TECHNICAL SKILLS

Proficient in: C++, Python, Java, SQL

Experience with: TypeScript, JavaScript, Electron, React, Node.js, Spring Boot, PostgreSQL, Docker, Git

Cloud & AI: AWS, Azure, Context Engineering, Graph Engineering, Loop Engineering, Prompt Engineering, Agentic Development