

David Czartoryski

(413) 310-7225 | czartoryski.d@northeastern.edu | [linkedin.com/in/davidczartoryski](https://www.linkedin.com/in/davidczartoryski)

EDUCATION

Northeastern University

Bachelor of Science in Computer Science and Business Administration

Boston, MA

Expected May 2027

EXPERIENCE

Pawtograder

Software Engineer

Boston, MA

Sep. 2026 – Present

- Operated a production platform serving **5,000+** weekly active users across 10 coding courses as one of 15 engineers, shipping through daily standups and peer code review on a subteam of four that owns one service end to end.
- Worked in the autograding path, Next.js and TypeScript on Supabase Postgres: every submission runs through GitHub Actions, returning compile errors, similarity scores, and AI-usage signals before a human grader sees it.

Mosaiq Software

Full-Stack Software Engineer

Boston, MA

Jan. 2026 – May 2026

- Cut update latency to **120 ms** by replacing a 5-second polling loop with a WebSocket transport, unblocking live updates and interactive multi-user workflows the product could not support before.
- Moved the React frontend and Node/Express backend onto shared TypeScript API contracts in a monorepo package, so a breaking change fails the compiler instead of reaching production as a runtime data-flow bug.

Summit Partners

DevOps Engineer Co-op

Menlo Park, CA

Jul. 2025 – Dec. 2025

- Cut deployment time **70%** at a \$42B+ AUM growth equity firm by automating infrastructure provisioning in Python, Bash, and Azure CLI, reclaiming 12 engineer-hours per week from manual runbooks.
- Diagnosed international server connectivity failures through firewall and routing configuration alongside the firm's lead architect, inside a security-compliant private equity environment.
- Provisioned **50+** company-issued devices into the firm's zero-trust endpoint stack (Zscaler, Proofpoint, ThreatLocker), maintaining hybrid fleet compliance in Jamf Pro and NinjaOne as users onboarded.
- Cut **4 hours** per deal review by shipping AI extraction and summarization into that spreadsheet workflow, owned end to end from pitch to production as the intern project.
- Reduced query latency **30%** with a Python and SQL service that deduplicated redundant datasets and rewrote the inefficient calculation pipelines reading from them.

Whalley Computer Associates

Network Engineer Intern

Southwick, MA

Jun. 2023 – Aug. 2024

- Configured **hundreds** of Cisco switches per rollout with a Python script parameterized for each site's requirements, replacing switch-by-switch CLI work across state agency and municipal deployments.
- Cut inter-site latency **35%** by migrating government sites off 1990s Cat 3 cabling to Cat 8 and replacing the switch hardware behind it, cutting each site over to run against the systems already in place.
- Set up firewall policy, BGP peering, and IP addressing at each site, standardizing configuration that had drifted into a different security posture per location.

VENTURES

Hercules Holdings LLC | Founder & CEO, venture studio | Boston, MA

2024 – Present

- Drove **\$180K** in revenue with an autonomous end-to-end website builder that regenerates entire storefronts per product category, then tunes them against live sales by feeding heatmap and Meta Ads server-side Conversions API data back into its own redesign decisions, with SPF/DKIM/DMARC deliverability.
- Cut ad creative production from days to **6 minutes** with a companion LLM and generative image/video pipeline feeding a custom Python (Pillow) compositor, shipping 40 variants a week.
- B2B govttech**: secured a conditional contract covering **22,000+ riders** for a wallet-native fare platform built end to end in Next.js, TypeScript, and Postgres that verifies eligibility against a university roster sync, prices MBTA fare rules, and ships a signed Apple Wallet pass.
- B2C fintech** (credimax.app): built an AI engine over **800+** Plaid-aggregated transactions per rolling three-month window that prices missed rewards and surfaces the best card at checkout; negotiated seed terms with venture firms and senior American Express leadership.

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, C++, SQL, Bash, Racket, Liquid, HTML/CSS

Frameworks & AI: React, Next.js, Node.js, Express, Django, Angular, React Native, LLM APIs, RAG

Infrastructure & Tools: Git, Linux, Docker, PostgreSQL, Supabase, MongoDB, Azure CLI, GitHub Actions

Networking & Systems: TCP/IP, BGP, VLANs, routing and switching, ACLs, firewall policy, DNS