

Enzo Amaral

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EDUCATION

Purdue University

Bachelor of Science in Computer Science, Minor in Mathematics

West Lafayette, IN

Aug. 2023 - May 2027

Relevant Coursework: Databases, Systems Programming, Computer Architecture, Data Structures & Algorithms

EXPERIENCE

ServiceNow

San Diego, CA

Software Engineering Intern - Core Platform Runtime

May 2026 - Aug. 2026

- Built the GraphQL plugin for ServiceNow Fluent, the TypeScript DSL used by Build Agent (ServiceNow's agentic app builder) and external developers building on the platform.
- Implemented GraphQL API support across the TypeScript SDK and Java runtime, mapping Fluent definitions to platform metadata and back.
- Finished six weeks early, then fixed 10+ platform defects, including failures surfaced in customer instances.

Astor (YC S25)

San Francisco, CA

Software Engineering Intern

Jan. 2026 - May 2026

- One of 3 engineers on an AI financial advisor (Swift iOS, TypeScript backend): zero to launch, 5K+ users, \$250M+ in assets connected in under 4 months.
- Built the agent's tool-calling layer (real-time market data, portfolio analytics, financial-plan generation), including tool schemas, context management, and failure handling.
- Wrote internal MCP servers the growth and engineering teams used to automate their workflows with agents.

BTG Pactual

Sao Paulo, Brazil

Software Engineering Intern - AI, Asset Management & Funds

May 2025 - Aug. 2025

- Cut manual contract review time 75% with an LLM pipeline doing structured extraction and generation on 10,000+ investment-fund documents a month.
- Led the 3-person intern team that built it (.NET, Python, PostgreSQL, RabbitMQ); still in production.

Software Engineering Intern - Payments

May 2024 - Aug. 2024

- Made card-payment processing 13% faster by optimizing database queries in Kotlin/Spring Boot microservices at one of Latin America's largest banks.

Purdue University

West Lafayette, IN

Teaching Assistant - Computer Architecture

Aug. 2025 - Dec. 2025

- Ran weekly C and assembly labs for 200+ computer-architecture students.

PROJECTS

Elora | React Native, Expo, TypeScript, Supabase

May 2026 - Present

- Building an agentic diagnosis chat for an AI plant-care app: tool-calling loop, streaming UI, and a safety classifier screening requests before diagnosis.
- Benchmarked 10+ models on a 115-image golden set with a custom eval harness: mechanical scoring, false-positive analysis, prompt ablations, and measured noise floors.

Tavernkeep | TypeScript, Next.js, React, PostgreSQL

Dec. 2025 - Present

- Co-founded and launched a tabletop-RPG campaign manager as sole engineer: 500+ registered users, 230+ member Discord.
- Built real-time multiplayer editing on Yjs/Hocuspocus CRDTs (live cursors, character sheets, interactive maps); runs the self-hosted Docker/Postgres infrastructure.

COMMUNITY & LEADERSHIP

Zed Student Ambassador, Zed Industries (2026): hackathons, developer content, and OSS contributions at Purdue

TECHNICAL SKILLS

Languages: TypeScript, Python, Swift, Kotlin, C#, Java, SQL

AI Engineering: Agent harnesses, tool-calling, MCP, evals, structured extraction, Vercel AI SDK

Tools & Frameworks: React, Next.js, React Native, GraphQL, PostgreSQL, Docker, AWS, Cloudflare Workers, PostHog