

Yengner E. Bermudez

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Education

Bachelor of Science in Computer Science, University of South Florida

July 2023 – December 2026

- GPA: 3.65/4.0

Tampa, FL

Technologies

Languages: TypeScript, C#, Python, JavaScript, C++, C, SQL, Lua

Frontend: React 19, Next.js 15 (App Router), Tailwind CSS

Backend & Desktop: Node.js, Express, REST, GraphQL, .NET (Windows Forms)

Data & Auth: Supabase (PostgreSQL, Edge Functions, Auth), MongoDB, SQLite

Cloud/DevOps: Oracle Cloud (OCI) — Ubuntu VM, Docker Compose, Cloudflare (DNS, SSL/TLS, Tunnel), n8n, Vercel, GitHub Actions, cron

ML/Analytics: TensorFlow, OpenCV, Recharts

Experience

Software Engineer, DeepVisor (SaaS, in development)

Feb 2024 – Present

- Integrated **OAuth 2.0** with Meta Graph API; built webhooks and scheduled syncs with pagination and **idempotent upserts** to stay within rate limits.
- Built the ingestion pipeline (cron + webhooks → Edge Functions) to normalize accounts, campaigns, ad sets, ads, insights and materialize daily/weekly aggregates for fast dashboard reads.
- Exposed typed REST endpoints/server actions for campaign create/pause/edit; added request validation, **rate limiting**, and structured logging

Coding Instructor, Codecraft Works

Jun 2024 – Aug 2024

- Taught 10–15 middle-school students JavaScript, HTML, CSS with project-based learning.
- Introduced and taught Roblox Studio and Lua scripting leading students to create their own fully functional games with custom game mechanics, scripting, and UI elements.

Projects

DeepVisor Infrastructure & Automation — self-hosted n8n on Ubuntu VM

Feb 2025 – Present

n8n.deepvisor.com

- Deployed Docker Compose stack (n8n + Postgres + reverse proxy) on Ubuntu VM; configured subdomain routing with DNS and TLS.
- Built cron workflows for ad data syncs; wired webhooks to Supabase Edge Functions for ingestion and alerting.
- Hardened reliability with health checks, log retention, automatic container restarts; scheduled backups to object storage.

MarketPulse — C#/.NET Windows Forms stock dashboard

Aug 2025 – Present

- Built WinForms GUI to fetch and visualize public market data using async HTTP and JSON; added symbol search and SMA/EMA indicators.
- Implemented local caching and robust error handling for rate-limited APIs; CSV export for quick analysis.

Desi Discipline — 24 hr HackaBull (USF) github.com/Yengner/desi-discipline

Apr 2025

- Built Chrome extension + **Next.js 15** (App Router, TypeScript, Tailwind) dashboard in 24 hrs; Supabase schema and Edge Functions for session tracking.

Leadership & Involvement

Outreach Director, SHPE — USF

Aug 2025 – Present

- Drive recruiter and alumni outreach (email, LinkedIn); secure meetings and pitch SHPE for sponsorships.
- Maintain partner pipeline and follow-ups; track contacts and events in a shared CRM.
- Plan and host company events (career fair, info sessions, GBMs) with the External Affairs team.