Sean J. Orgaz

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TECHNICAL PROFILE

- Computer Engineering student and founder building full-stack products across web, iOS, databases, payments, authentication, and AI-assisted workflows.
- Comfortable owning ambiguous problems from discovery and system design through implementation, testing, deployment, documentation, and client communication.

EDUCATION

Florida Atlantic University — **Boca Raton, Florida**
B.S. in Computer Engineering — *Expected Graduation, May 2027*

- GPA: 3.32/4.00
- Related Coursework: Data Structures & Algorithms, Software Design, Computer Architecture, Digital Systems Design, Systems Programming with C++, Electronics, Signals & Digital Filter Design, Data Science

Santa Fe College — **Gainesville, Florida**
Associate of Arts in Engineering — *2025*

EXPERIENCE

Zylzio LLC — **Boca Raton, Florida**
Founder & Software Engineer — *2026 - Present*

- Founded a technology studio delivering custom software, digital systems, and growth strategy for small-business clients.
- Lead discovery, requirements gathering, proposals, technical scoping, product design, development, testing, deployment, and client communication.
- Translate business needs into practical product roadmaps, implementation plans, and maintainable systems.

Catalyst Art - Mobile, Web, and Admin Platform — **Boca Raton, Florida**
Client Software Project — *2026 - Present*

- Built and launched a production art-advisor platform spanning a native SwiftUI iOS collector app, Next.js admin/collector portal, and Supabase/PostgreSQL backend.
- Implemented catalog management, collector CRM, artwork ownership, viewing rooms, offers, invoices, messaging, inquiries, documents, analytics, and command search.
- Designed secure backend workflows with Supabase Auth, PostgreSQL row-level security, storage, edge functions, Stripe webhooks, push notifications, and migrations.
- Shipped the iOS app through TestFlight and deployed the web portal on Vercel; verified core flows with TypeScript checks, Puppeteer tests, and iOS UI/smoke tests.

Cynthia Whitaker Studio - Digital Growth Strategy — **Boca Raton, Florida**
Client Discovery & Strategy — *2026*

- Conducted discovery and scoped a local-search growth engagement focused on Google visibility, reviews, website conversion, analytics, and qualified inquiries.
- Created a phased implementation plan covering Google Business Profile optimization, priority listings, SEO content, review workflows, and consultation intake.

PROJECTS

White-Label Restaurant Ordering Platform — **Boca Raton, Florida**
Full-Stack Product Build — *2026*

- Built a multi-tenant restaurant commerce platform with customer ordering, owner/staff dashboard, native iOS app, PostgreSQL row-level security, Stripe payments, and notifications.
- Developed database, API, dashboard, ordering, payment, notification, and deployment workflows with a focus on tenant isolation, reliability, and operator documentation.

AI Market Research Tool — **Boca Raton, Florida**
Python CLI & Streamlit App — *2026*

- Built a research system that generates competitive landscape reports by orchestrating Perplexity research, Firecrawl scraping, Claude synthesis, Pydantic models, async workflows, and SQLite caching.
- Structured outputs for repeatable analysis, source review, and faster client-ready market research workflows.

ACTIVITIES AND LEADERSHIP

SHPE FAU — **Boca Raton, Florida**
Team Member — *Aug 2025 - Present*

- Participate in an engineering community focused on professional development, technical growth, collaboration, and career readiness.

SKILLS

Programming: TypeScript, JavaScript, Swift, Python, SQL, C++, HTML/CSS
Frameworks: React, Next.js, SwiftUI, FastAPI, Tailwind CSS, Streamlit
Backend & Data: Supabase, PostgreSQL, row-level security, migrations, edge functions, SQLite, Pydantic
Tools: Vercel, Stripe, Docker, Git, Figma, Puppeteer, TestFlight, Claude Code
Strengths: Full-stack development, client discovery, product strategy, database design, AI-assisted development, testing, deployment