

# Daniel Millea

Full-Stack Software Engineer | React, Node.js, TypeScript, PostgreSQL

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## Professional Experience

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**YS2PC Research Group - Full-stack Software Engineer Intern** November 2025 - February 2026

- Built a production-ready academic recommendation platform using React, Next.js, TypeScript, and Supabase, featuring **student-faculty workflows** for managing recommendation letters with real-time status tracking and secure document sharing.
- Integrated and optimized a **university API** delivering global institution data, implementing caching strategies to maintain performance across **2,000+ universities**.

**Champion Search - Full-Stack Web Developer & Founder** October 2024 - August 2025

- Engineered custom WordPress solutions for **8 clients** (6 service-based, 2 E-Commerce), implementing **technical SEO** strategies that increased average lead conversions by 42% and secured first-page Google rankings for **50% of service clients**.
- Executed hyperlocal SEO campaigns targeting specific neighborhoods for service businesses, combining schema markup and content strategy through blog posts and GBP management.

## Personal Projects

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[SaucyFlow](#) | React, TypeScript, Node.js, Express.js, Tailwind, PostgreSQL

- Designing and building a **full-stack** productivity platform from the ground up, including a normalized PostgreSQL schema, **JWT-secured REST API**, and a React/TypeScript frontend that consolidates calendar, tasks, and notes into a single unified system.

[300: Blood & Bronze](#) | Unity, C#, Adobe Photoshop, FL Studio

- Designed and **shipped** a browser-playable game on itch.io, engineering object-oriented enemy architecture with **inheritance-based** shared behaviors (movement, health, AI) and a Spartan Rage mode featuring dynamic player transformation and enhanced combat mechanics.

## Education

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**Southern Utah University | Magna Cum Laude**

Graduated - April 2026

Bachelor of Science in Computer Science

## Skills

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**Languages:** HTML, CSS, JavaScript, TypeScript, Python, C, C++, C#, PHP

**Frameworks & Libraries:** React, Next.js, Express.js, Redux, Recoil, TailwindCSS, Node.js, RESTful API, JWT

**Technology:** npm, Git, GitHub, React Dev Tools, Firebase, Vercel, PostgreSQL, WordPress, Prisma, Supabase, Docker