

Daniel Millea

Frontend Software Engineer | React & Next.js Specialist

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Professional Experience

YS2PC Research Group - Fullstack Software Engineer (Internship) November 2025 - Present

- Developed **end-to-end** features using a modern **full-stack** architecture, focusing on scalability, data integrity, and **clean UX** for real-world academic use cases.
- Focus: Designed and built a secure, **production-ready** web platform

Champion Search - Frontend Software Engineer (Junior)

October 2024 - August 2025

- Developed custom **WordPress websites** using **JavaScript and PHP**, implementing frontend performance enhancements that increased average client lead conversions by **42%** within 6 months while achieving first-page Google rankings for 3 of 6 service based clients.
- Focus: building, deploying, and maintaining custom web solutions for **6 local service** businesses and **2 E-Commerce** clients

Outlier AI - AI Training Specialist (Freelance)

May 2024 - August 2024

- Simulated diverse user inputs and evaluated **AI prompt behaviour** to refine interaction accuracy and responsiveness, contributing to more intuitive and user-aligned system outputs.
- Focus: Reviewed and tuned **8 model responses** per week for conversational flow, supporting UX improvements that mimic user **interface responsiveness**

Personal Projects

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

- Developed enemy system architecture using **object-oriented** inheritance, enabling shared behaviours like movement and health across character types.
- Focus: Object-oriented design, gameplay logic, UI/game interface behavior.

Education

Southern Utah University

Bachelor of Science in Computer Science

Expected Graduation Date - April 2026

Skills

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

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

Technology: npm, Git, Github, React Dev Tools, Firebase, Vercel, postgresSQL, WordPress, Prisma, Supabase