

Spencer L Smith

Software Engineer | Systems

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EXPERIENCE

UltimateTag LLC — Lead Engineer, Co-Founder

October 2025 - PRESENT | St. George

› Co-founded and led development of a digital, real-world sword-sport ecosystem combining custom NFC hardware, backend systems, and a gamified mobile experience

› Sword-fighting gauntlet and meetup system, handling sessions, matches and tag captures

› Architected with a monorepo to manage mobile, web, backend, and additional tooling

Academic Innovations LLC (Get Success 101) — Full-Stack Software Engineer

2022 - PRESENT | St. George, Remote / Hybrid

* Trusted as sole engineer by founder; owned projects end-to-end with minimal supervision

› Lead / sole developer of My10YearPlan, an educational mobile app for ten-year career and financial planning

› Built a full textbook editing and online publishing system in **one month** for easy production of A.I.'s digital course materials, delivering production-ready tooling on an accelerated timeline

› Maintained and improved legacy PHP systems to address growing customer usage across multiple states

› Worked directly with founders to turn new product ideas into a reality

ConcreteGames, LLC — Co-Founder, Developer

2018 - 2022 | St. George

› Co-founded and registered an LLC to publish websites and indie games

› Gained early experience in the development lifecycle of planning to product

› Built, deployed, and maintained web, browser and native games.

EDUCATION

B.S. Computer Science — Utah State University

B.S. Mechanical Engineering — Utah State University

IN PROGRESS

Focus Areas: Software Systems, Mobile Development, Embedded Systems, Mechanical Design

Associates of Science — Utah Tech University

May 2023 | 4.000 GPA

Completed deeper college-level coursework in high school.

LANGUAGES

TypeScript, PHP, Java
Python, SQL, C#

FRAMEWORKS, PLATFORMS

React, React Native (Expo)
CakePHP, Xamarin
Capacitor, Node.js
Unity, Unreal, Garmin Watch

LIBRARIES, UI & RENDERING

Tailwind CSS
Reanimated, Skia
GLSL, SVG, PDF
Mapbox, jQuery

SYSTEMS, INFRASTRUCTURE

PostgreSQL, MySQL
Convex, AWS
NFC / RFID
Arduino / Embedded

TOOLS

Turborepo, Biome, pnpm
Git, Vite, CI/CD, Linux
SolidWorks

AWARDS, EXPERIENCES

2nd Place S. Utah CodeCamp Hackathon (Industry Track)

— Built NFTag in 24 hours.

Mint NFT photos of your friends in real-world “tag” gameplay during NFT boom

1st Place Sterling Scholar

Mathematics, Southern Utah
— Recognized for depth of independent study and overall mathematical excellence

2nd Place 4A Utah Cross

Country Championship —
Great team player;
demonstrated discipline, commitment, and grit

Two-Year international experience with full Spanish immersion