

SOFTWARE DEVELOPER

Jeff Shelton

PROFILE

Driven software developer with 9 years of programming experience, demonstrable understanding of commercial software development, multiple published apps and open-source projects, and excellence in teamwork and collaboration.

EXPERIENCE

DEVELOPER, SILVERVINE SOFTWARE – SUMMER 2022

At Silvervine, I developed an in-house automated testing solution for their latest insurance policy tracking system, Evergreen. This testing solution, named Testbot, uses the Playwright framework (built on Node.js) to dynamically test the system's UI and prevent bugs from slipping into production.

CREATOR, THE JDX PROJECT – 2021-PRESENT

An open-source set of libraries and tools that make interacting with large datasets of categorized images much easier, especially useful in machine learning tasks. Using the JDX command line tool, scores of directories of images can be compressed into a single file that can be stored, read, verified, and uniformly modified. These JDX files can then be read by the Python and Rust libraries.

CO-FOUNDER, DOWNTOWN DATA – 2021-2022

A web startup aimed at storing, categorizing, and displaying important data points for cities, particularly focusing on managing commercial properties within the city's jurisdiction and their owners. Founded by myself and a member of the Perry Chamber of Commerce. Built using React.js, Express, and Rocket.

IOS & ANDROID DEVELOPER, A TRIP TO THE DENTIST – 2018

Developed for the Pediatric Dentistry of Central Georgia as a freelance job and geared toward small children and special-needs patients, who are often scared to go to the dentist. My app presents the dentist's office in a warm, friendly way so that children on the autism spectrum or those with other developmental conditions can feel at ease when entering the dentist's office.

IOS DEVELOPER, DEGREES – 2017

My second iOS game, built on SpriteKit, requiring precise timing to win. The player is a small circle, named the orbiter, rotating around a larger circle—the gravitator—and must use precise taps to eject the orbiter at the right moment to maneuver through each level and collect a coin.

EDUCATION

Georgia Institute of Technology – B.S. Computer Science, 2025 (*expected*)

SKILLS

- Fluent in C, C++, Rust, Javascript/Typescript, Python, & Swift
- Experienced with SQL database management
- Strong emphasis on leadership and strengthening others on a team

AWARDS

- Georgia Governor's Honors Program Alumnus for Computer Science
- Georgia Region VI (Middle Georgia) STAR Student
- National Merit Scholar
- Golden Eagle Award for Technology