

Samuel Preston

National Merit Scholar Seeking Summer 2024 Software Engineering Internship

Richardson, TX
[Phone Redacted]

samuelpreston.me
[Email Redacted]

linkedin.com/in/samuelpreston
github.com/md-y

Education

The University of Texas at Dallas May 2025
Bachelor of Science in Software Engineering 4.00 GPA
Full-Ride National Merit Scholar • Townsend Memorial Scholar • Collegium V Honors • ACM

UTD Computer Science Study Abroad in Prague, Czechia May 2023 – July 2023
Studied Professional Technical Communication and User Experience (UX)

Skills

Languages	C++, C#, Java, Python, JavaScript/TypeScript, HTML, Dart, Go, SQL, Assembly
Frameworks	React, Vue, Next, Nuxt, .NET, Jest, Sass, Tailwind, Flutter, Jupyter, TensorFlow
Software/Tools	Azure, AWS, Docker, PostgreSQL, Prisma, Git, Linux, Node.js, Figma, MS Office

Projects

Training and Management System (Texas Osteoporosis Foundation) Aug 2023 – Present
Skills: TypeScript, Vue, Nuxt, PostgreSQL, Auth0, Azure github.com/UTDallasEPICS/tx-osteo-tracker

- Implemented a training and management website for the Texas Osteoporosis Foundation
- Enabled staff to easily create community events and manage volunteer training
- Served as the liaison between the software development team and foundation stakeholders
- Used an Agile development approach with weekly meetings and month-long sprints

MangaDex Full API (Personal) Feb 2019 – Present
Skills: TypeScript, Node.js, GitHub, Jest, CI/CD, REST APIs, OpenAPI samuelpreston.me/mangadex-full-api

- Created the internationally most-used API wrapper for a popular reading website
- Self-managed public open-source development by communicating with many collaborators
- CI/CD through GitHub Actions for automatic deployment and testing to optimize DevOps

RememberMe (ACM Projects) Sep 2022 – Nov 2022
Skills: Flutter, Firebase, Figma, OAuth github.com/acm-projects/rememberme

- Developed a cross-platform study app to help users remember people
- Won 2nd best app developed through ACM Projects by professors and corporate judges
- Deployed with user authentication and cross-device syncing

Work Experience

Code Ninjas, Senior Instructor Aug 2023 – Present

- Supervise and train other instructors and organize lesson activities
- Teach coding, problem solving, and other STEM skills to young children
- Quickly problem solve to ensure the safety and well-being of students and instructors
- Enthusiastically promote and sell programs to parents and other potential customers

The Home Depot, Freight Associate Mar 2022 – Aug 2022

- Worked nightly in the fast-paced freight logistics and staging area with strict deadlines
- Assisted customers daily in finding specific merchandise and accessing bulky inventory

Course Experience

Database Systems	Data Structures & Algorithms	Software Project Management
Computer Networks	Human-Computer Interactions (UX)	Linear Algebra
Software Engineering (SDLC)	UNIX Systems Programming	Discrete Mathematics
Computer Architecture	Professional Responsibility & Ethics	Professional Communication