

# Samuel Preston

## National Merit Scholar Seeking Summer 2025 Software Engineering Internship

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## Education

**The University of Texas at Dallas** May 2026  
Bachelor of Science in Software Engineering 4.00 GPA  
*National Merit Scholar • Tau Beta Pi Honors • 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

## Work Experience

**Origami Risk, Full-Stack Software Engineering Intern** May 2024 – Present

- Build new applications in C# to improve company productivity and help customer business
- Quickly resolve incoming bug tickets for internal and production products
- Collaborate with many teams with the Agile methodology to create innovative apps

**Code Ninjas, Senior Instructor** Aug 2023 – May 2024

- 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

## Projects

**Training and Management System (Texas Osteoporosis Foundation)** Aug 2023 – Present  
Skills: TypeScript, Vue, Nuxt, PostgreSQL, Auth0, Azure [github.com/UTDallasEPICS/tx-osteo-tracker](https://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
- Deployed a public-facing website to Azure with full authentication and SEO
- Served as the liaison between the software development team and foundation stakeholders

**MangaDex Full API (Personal)** Feb 2019 – Present  
Skills: TypeScript, Node.js, GitHub, Jest, CI/CD, REST APIs, OpenAPI [samuelpreston.me/mangadex-full-api](https://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](https://github.com/acm-projects/rememberme)

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

## 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