

Ethan Reece

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Richardson, TX

<https://ethanreece.com/>

Skills

DevOps and System Administration Linux, Git, GitHub Actions, Docker, Guix
Programming Languages JavaScript, C#, Java, C, C++, Guile/Scheme
Layout and Web Development HTML, CSS, React, ASP.NET, Express.js, Astro, Typst

Education

The University of Texas at Dallas May 2026
Bachelor of Science in Computer Science Current GPA: 3.749

Collegium V Honors Program

Relevant Coursework

Completed Programming Language Paradigms, Digital Logic & Computer Design, Operating Systems Concepts, Probability and Statistics for CS, Data Structures and Algorithms, Software Engineering, C/C++ Programming in UNIX, Computer Architecture, Discrete Mathematics II
Current Database Systems, Advanced Algorithm Design & Analysis

Work Experience

Scrumfish Software Nampa, ID June – August (2022, 2023)
Software Engineering Intern C#/ASP.NET, JavaScript/React, Microsoft SQL Server, GitHub
Developed ASP.NET APIs for data management, multifactor authentication, and document conversion.
Created a React-based UI for a book critique platform, supporting document viewing, sharing, and annotation.
Automated the update of email templates in the database using SQL and PowerShell scripts.

R-Technics Boise, ID June – August (2022, 2023)
Software Engineering Intern Azure, Windows Server, Docker, C#/ASP.NET
Supported server maintenance through update research, implementation, and monitoring.
Developed a C# program to fetch song lyrics and metadata from an API, later integrated into the main product.
Enhanced a server application with Docker and Linux support; established an Azure DevOps pipeline for build automation.

Professional Development

Personal Server Administration 2020 – Present
Hobby Linux, Docker, Guix/Guile, Git, Proxmox, Google Cloud
Manage a physical server using Proxmox, Debian VMs, and Docker for several applications.
Migrate new applications to Guix to utilize declarative configuration for reduced state, fine-grained system control, and increased resource efficiency.
Implement a VPN via Google Cloud Compute Engine to navigate CGNAT limitations.
Host various services including Forgejo, TrueNAS, Nextcloud, and Vaultwarden.

Cybersecurity Courses February 2023 – November 2023
CodePath CYB101, CYB102 Linux
Gained knowledge in cybersecurity tools and defense strategies.