

# Ethan Reece

contact@ethanreece.com

(208) 515-2094

Richardson, TX

<https://ethanreece.com/>

## Skills

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

## Education

### The University of Texas at Dallas

May 2026

Bachelor of Science in Computer Science

Current GPA: 3.768

- Computer Science Fast Track Program, Systems Track
- Collegium V Honors Program
- Relevant Coursework

**Completed** Programming Language Paradigms, Digital Logic & Computer Design, Operating Systems Concepts, Probability & Statistics in CS/SE, Data Structures & Algorithmic Analysis, Software Engineering, Systems Programming in UNIX, Computer Architecture (CS 2340), Discrete Mathematics II, Database Systems, Advanced Algorithm Design & Analysis, Linear Algebra, Theoretical Concepts of Calculus, Differential Equations with Applications

**Current** Automata Theory, Cyber Attack & Defense Lab, Computer Architecture (CS 6304), Advanced Operating Systems

## 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

### Declarative Laptop Configuration

July 2024 – Present

Personal Project

Linux, Guix/Guile, Nix, Git

- Leveraging Guix and Nix to centralize my laptop user configuration for tracking history and improving maintainability.
- Utilizing the "time-machine" function to ensure consistent software versions and to allow rolling back.

### Personal Server Administration

2020 – Present

Personal Project

Linux, Docker, Nix, Terraform, Git, Proxmox, Hetzner, Cloudflare

- Managing a physical server using Proxmox, Debian VMs, and Docker for several applications.
- Hosting various services including Forgejo, TrueNAS, Nextcloud, and Vaultwarden.
- Using Terraform with NixOS, Hetzner, and Cloudflare integrations to centralize configurations for a VPN used to navigate CGNAT limitations.