

# Esau Rodriguez Olvera

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## EDUCATION

Texas Christian University

**B.S. Computer Information Technology**

Fort Worth, TX

**May 2024**

## SKILLS

- Languages: Java, TypeScript, Python, C/C++, SQL
- Tools & Frameworks: Linux, React, Agile, Git/GitHub, VMware, Datagrip, MySQL, Confluence
- Containerization: Docker, Kubernetes
- Monitoring: Grafana, Zabbix, Opsview, Nagios

## EXPERIENCE

**MavenCode - Senior Design Engineer Intern** | Fort Worth, TX

Aug 2023- Present

- Collaborate with a 6-person team to build an audience counting system that analyzed church attendance data; contributed to full-stack development to complete sprint tasks on time with under 5% defect rate
- Write comprehensive unit tests for new features and implemented reactive UI components using React.js and TypeScript, reducing manual counting by 80% while enhancing accuracy

**Mouser Electronics - Network Engineer Intern** | Mansfield, TX

May – Aug 2023

- Managed end-to-end network infrastructure including Layer 3 switches, Firewall/ACLs, IP/subnet management, and authentication tools to optimize network performance; reduced security breaches by implementing proper ACLs to support secure e-commerce operations across global offices.
- Oversaw platforms for network monitoring and issue tracking enabling proactive identification of deficiencies; timely remediation of 50+ deficiencies, ensuring high network availability and reliable access to Mouser's network

**TCU Neeley School of Business - Lead Lab Assistant** | Fort Worth, TX

Aug 2022– Present

- Provide IT and AV support across 42 classrooms, 7 conference rooms, and 4 labs, leveraging Web Help Desk proficiency for timely issue resolution and implementing preventive maintenance
- Lead IT projects, exemplifying skills in documentation, troubleshooting, and ensuring optimal operations for the entire Neeley School of Business infrastructure

## PROJECTS

**Personal Website Portfolio**, [esaudoes.dev](https://esaudoes.dev)

- Developed and deployed personal portfolio website from scratch on Vercel, leveraging an open-source project as foundation. Built key features including home page, about section, and contact form. (HTML, CSS, JavaScript)

## RELEVANT COURSEWORK

Software Engineering

Data Structures

Cloud Computing

Computer Networks

Web Technology

Advanced System Admin

Artificial Intelligence

Programming Lang. Concepts

Computer Network Security

Unix/Linux Admin

Database Systems

Data Science

## HONORS, LEADERSHIP

Diversity, Equity, and Inclusion Scholarship recipient, Holmes Murphy, 2023

Community Scholar recipient, Texas Christian University, 2020-2024

Habitat for Humanity build chair, Aug 2022 - Present

Omega Delta Phi president, Aug 2022 – May 2023