

Jefferson Ye

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Education

The University of Texas at Austin

Aug 2018 – Dec 2021 | Austin, Texas

BS in Computer Science

- GPA: 3.94

Work Experience

Amazon Web Services

Oct 2022 – present | Denver, Colorado

Software Development Engineer

- AWS Space Services

The University of Texas at Austin

Aug 2021 – Dec 2021 | Austin, Texas

Undergraduate Teaching Assistant

- Undergraduate TA for **CS 373 (Software Engineering)** for the Fall 2021 semester

The BHW Group

May 2021 – Aug 2021 | Austin, Texas

Web and Mobile Development Intern

- Built a **full-stack, responsive, consumer-facing** real estate web application using **React** with **Next.js**, **Jest**, **Go**, and **PostgreSQL**

Hyosung America

Jun 2020 – Aug 2020 | Irving, Texas

Software Engineering Intern

- Decreased **XML** read times by up to **40%** in upwards of **200,000** ATMs by implementing a new parser in **C++** for WinCE-based ATMs
- Contributed towards the implementation of a new **security protocol** for the delivery of symmetric keys from host servers to ATMs

Projects

TexasVotes.me

Sep 2020 – Dec 2020

React, Flask, PostgreSQL, AWS

- Led the development of TexasVotes.me, a **full-stack** web application that aims to inform and guide voters in the state of Texas for the 2020 election
- Set up crucial infrastructure in **GitLab** and **AWS**, including continuous integration and deployment pipelines

Skills

Proficient

JavaScript/TypeScript, React, Java, Rust

Experience

AWS, Go, C#, Git, React Native, Node.js, Flask, Express.js, GitLab CI/CD, PostgreSQL, MySQL, MongoDB, Docker, Heroku, Visual Studio, Unix, Jest, Jenkins, C, x86 Assembly, HTML, CSS, LaTeX

Awards

Appalachian Trail Thru-Hiker

Sep 2022

Drum Corps International Finalist - Boston Crusaders

Aug 2019

Eagle Scout

May 2017