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

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

TexasBoardX.com · Jan 2020 – Jun 2020
Next.js, PostgreSQL, Heroku
- Led the development of a **full-stack** web application for Texas BoardX, a board game rental company in Austin
- Generated a **30%** increase in overall sales by streamlining and enhancing the reservation and checkout process

Skills

Proficient
JavaScript/TypeScript, React, Python, C++

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

Awards

Winner of Southwest Airlines TAMUHack Challenge · Jan 2020

Drum Corps International Finalist - Boston Crusaders · Aug 2019

Third place in American Airlines HackTX Challenge · Nov 2019

Eagle Scout · May 2017