

Korbin Schulz

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Education

The University of Texas at Dallas

B.S. Computer Science, 3.6 GPA

Richardson, TX

Aug 2021 - May 2025

Skills

Languages

JavaScript, TypeScript, Java, C++, Python, PowerShell, Swift, HTML/CSS, SQL

Libraries and Frameworks

React, Node.js, Tailwind CSS, Pandas, Flask, Express, Next.js, SwiftUI, PyTorch

Platforms

Git, MongoDB, Firebase, MySQL, Docker, Linux/Unix, Azure, AWS, Docker, Unity

Work Experience

Lumina

Remote

Frontend Developer

Jun 2023 - Oct 2023

- Built a responsive, dynamic web app with React, Next.js, and CSS modules, which helped decrease customer attrition by 10%
- Collaborated with backend developers to establish secure OAuth workflows, implementing industry best practices to safeguard user data and privacy
- Developed a RESTful API to help the client interact with various microservices, reducing time spent fetching data by over 30%

Textron

Hurst, TX

IT Infrastructure Intern

May 2023 - Aug 2023

- Wrote PowerShell scripts for synchronizing resources from Azure into Textron's ServiceNow CMDB, increasing its accuracy by over 40%
- Created forms and workflows within ServiceNow, enhancing employee productivity and database robustness by reducing interaction time by up to 20 seconds

Projects

AI Virtual Streamer

Python, PyTorch, Flask, C#, Unity, ML-Agents

- Created an AI powered virtual streamer that can play games and engage with viewers in real-time
- Trained a neural network using PyTorch and ML-Agents to play games and interact with viewers
- Designed and developed popular games like Flappy Bird and Donkey Kong using Unity and C#

Facility Pulse

SwiftUI, Python, Flask, Firebase

- Collaborated with a team of 4 to create a Swift iOS application that displays system status through widgets
- Spearheaded the creation of an ML model capable of predicting a facility system's next service date
- Secured 3rd place in the CBRE sponsor challenge, outperforming 20+ competing projects

Food Finder

Typescript, CSS, React, Node.js, MySQL

- Developed a dynamic web application designed to help users discover new restaurants
- Utilized Yelp's API to retrieve restaurant options based off user preferences, delivering a personalized experience
- Implemented a Node.JS/Express backend to handle API requests, and used MySQL to store user restaurant preferences and account data

WriteRight

Javascript, CSS, React, Node.js, MongoDB, Figma

- Created a full-stack web application designed to help streamline creative writing processes
- Collaborated with a cross-functional team to design and develop an intuitive user interface
- Developed a CRUD API using Node.js to interact with MongoDB, enabling efficient data manipulation and retrieval