

# Ethan Venner

[972-989-8371](tel:972-989-8371) | [ethanvenner19@gmail.com](mailto:ethanvenner19@gmail.com) | [LinkedIn](#)

## Education

University of Texas at Dallas

Richardson, TX

Bachelor of Science in Computer Science

May 2025

## Technical Skills

**Programming Languages:** Python, Java, C, C++, C#, JavaScript, HTML, CSS, Solidity

**Databases:** SQL, NoSQL, MongoDB

**Frameworks/Tools:** React, Express, Flask, Node, Selenium, Pytorch, Spring, Angular

**Technologies:** Unix/Linux, Git, Docker, Powershell, Figma, Google Cloud Platform

## Experience

### Software Engineer

Remote, United States

*Data Annotation*

*April 2025 – Present*

- Modified and validated different codebases to reduce technical debt through code reviews and refactoring
- Designed and implemented scalable data pipelines on Google Cloud Platform, processing large volumes of JSON data into Machine Learning Models
- Authored comprehensive unit and integration tests for various AI models and evaluated Dockerized test trials to ensure higher relevancy for end-users

### Cybersecurity and IT Intern

Irving, TX

*BSI Financial*

*May 2023 – August 2023*

- Developed scripts for users using Powershell and JavaScript for specific runtime environments
- Analyzed SOC 1 & SOC 2 Auditing to further expand our internal controls
- Performed penetration tests to simulate network and computer system vulnerabilities
- Engaged in weekly team meetings about arising technical issues

## Projects

### BotStockWars | *Python, Flask, React*

*March 2025 – May 2025*

- Collaborated with a team to create a full stack application that used sentiment analysis, web scraping, and trade recommendations to predict stock trends
- Successfully provided users with positive gains in stock trading, resulting in a 36% increase in financial profits
- Implemented a web scraping module using the HuggingFace library to extract real-time articles and information about specific stocks
- Applied a pre-trained model for sentiment analysis on financial news articles to determine positive, negative, and neutral market sentiment

### RoomieConnect | *Java, Express, Node*

*February 2024 – May 2024*

- Helped and created the backend and frontend to a roommate/apartment finder for college students
- Utilized Node and Express web framework to build the server and make API calls
- Worked with the Insomnia REST application to properly test our server and debug our API
- Connected a MySQL database in order to store user information and JSON data