

Dan Tran

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Education

Virginia Commonwealth University, Richmond, VA - B.S in Computer Science
GPA: 3.9, Expected Graduation May 2023

- Virginia Commonwealth University Provost Scholarship, Fall 2019 - Present (Full Tuition Awarded)
- Virginia Commonwealth University Dean's List, 6/6 semesters
- A part of the Clinton Global Initiative University class of 2021

Internships

Costar Group - Software Developer Intern June 2022-August-2022

- Developed and launched web applications using TypeScript, React, and Tailwind that is in use internationally
- Implemented Express.js, GraphQL, and Postman to handle server-side code and make API calls
- Built pipelines into production through Docker, troubleshooting build failures in Microsoft Azure
- Pushed 500+ lines of code into working production while following Agile Development

Projects

Event Driven System for Financial Systems

- Built an AWS cloud-based decoupled system for processing financial transactions with event-driven software components to manage customers, accounts, and transactions in a team of 4 using agile development.
- Used: AWS tools (Lambda, SQS, Eventbridge, S3, DynamoDB, CloudWatch), Stripe API, Python, Git Stock Exchange
- Built a website using the Flask framework that allowed users to log in to buy and sell stocks through the help of the IEX API. Users would log in and have their account information saved along with their transaction history in an external SQL database.
- Used: Flask, HTML, CSS, SQL, Git
- Built a Python Program that used the Backtracking Algorithm to solve Sudoku puzzles and output the solved puzzle to a user.
- Used: Python, Git