

Chuong Tran

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Experience

Infodat

Houston, TX

Software Developer

January 2024 – Present

- Achieved a 32% increase in user base and an 18% rise in purchases by contributing to maintenance and enhancement of a web application.
- Boosted user satisfaction by 15% by introducing new features leveraging TypeScript and Java.
- Reduced custom charting implementation time by 40% by contributing a D3-powered Chart component to an open-source Ember.js project, enhancing data visualization capabilities.
- Developed API endpoints to integrate with a third-party RFID-enabled cabinet for inventory management, enabling real-time tracking and improving stock accuracy.
- Increased operational efficiency by 50% through development of database schemas and API endpoints that streamlined the item creation process for internal teams.
- Ensured system stability and performance by diagnosing and resolving issues through detailed codebase analysis and effective troubleshooting.

Software Developer Intern

May 2023 – December 2023

- Developed and integrated 5 new features using Spring Boot and React within 10 weeks on the job.
- Increased test coverage to 80%, improving code quality and minimizing bugs through comprehensive unit and integration testing.
- Reduced dashboard filter addition time by 70% through implementation of automated scripts.
- Automated build, test, and deployment to AWS EC2 by designing and building CI/CD pipeline with GitHub Actions.

University of Houston

Houston, TX

Teaching Assistant

August 2022 – May 2023

- Designed and delivered a comprehensive curriculum with 20+ hands-on programming activities, improving students' proficiency in data structures and algorithms in C++.
- Led lab sessions with 50+ students per session, providing guidance and fostering a deeper understanding of complex programming concepts.

Projects

Internship Recommender

- Implemented a recommendation system to effectively match resumes with job opportunities.
- Extracted data from 600+ internship listings by building web scraping tool using Selenium, automating the data collection process for enhanced analysis.

Brain Tumors Classification

- Achieved 91% accuracy in categorizing brain tumors by developing and training machine learning model using TensorFlow leveraging ResNet 50 architecture on dataset of 3,000+ MRI images.

NC Tailor Experts

- Achieved 200+ monthly visitors and boosted sales by 5% through developing website for local business.

Technical Skills

Languages: C++, C#, Java, JavaScript, TypeScript, Python, HTML, CSS, SQL.

Frameworks & Libraries: Spring Boot, Angular, React, Redux, Ember.js, Express.js, Node.js, .NET, REST API.

Developer Tools: Git, Postman, Azure, Docker.

Education

University of Houston

Dec 2023

Bachelor of Science in Computer Science, Minor in Mathematics, summa cum laude

Houston, TX