Hao Trung Loang

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Professional Experience

Software Engineer July 2022 - Present
Visa Inc - Apple Pay and Next Gen Services *full-time*

- Implemented features using Spring Boot Java to streamline the experience for millions of Apple Pay mobile users
- Worked on services that required high performance to support millions of user traffic monthly
- Created a suite of automated tests using JUnit and Mockito, reducing bug reports by 70% and increasing 90% of code coverage in the codebase.
- Reduced build time by 45% by migrating team applications to Gradle automation tool.
- Monitored and Debugged services performance with Splunk and Elastic to address production defects.
- Developed software in an Agile team environment, using Git version control for efficient collaboration and code management.
- Collaborated with multiple cross-functional teams to implement requirements for a user-centered customer experience, resulting in improved usability and satisfaction.

Software Engineer Intern May 2021 - August 2021
S&C Electric Company *Internship, full-time*

- Designed system to process shipping logs and collect real-time product features for customers
- Tracked product defects in real-time to support teams and clients in resolving production problems
- Designed and optimized a relational database using SQL

Skills

Languages: Java, Python, C++, SQL, JavaScript and Groovy
Frameworks/Tech stacks: Spring Boot (Cloud), Apache Kafka, JUnit/Mockito, Swagger, OracleDB
Developer Tools: Jira, Docker, Gradle, Maven, IntelliJ IDE, Kubernetes, Splunk, Bitbucket, Git, Elastic

Education

University of Illinois at Chicago Chicago, IL
Bachelor of Science in Computer Science *May 2022*

- GPA: 3.8/4.0
- Coursework: Data Structures, Software Design, Program Design, Systems Programming, Computer Algorithms, System Programming, Introduction to Machine Learning, Introduction to Data Science, Natural Language Processing

Projects

Divvy Solutions | *Python* August 2021

- Analyzed a large dataset of 10 million Chicago bike station usage records to build a predictive model for future demand using clustering and decision trees
- Conducted exploratory analysis to identify patterns and insights into customer movement patterns and behavior