

# Alphonsus Nguyen

## Summary

Associate Software Engineer with reinforced knowledge of software design, development, and testing. Accustomed to team projects where I have been exposed to trending enterprise-level production in Java, Spring, and Angular using Agile. I am an organized and detail-oriented individual, striving to be accountable for identifying defects, testing for system integrity, remaining concurrent with modern industry trends, coinciding with company and team's interests to produce best solution by conveying ideas clearly and accurately.

## Technical Skills

### Program

Core Java | C++ | Python | Spring | Angular | REST  
Git | SQL | TypeScript | HTML5 | CSS

### Software

IntelliJ | BlueJ | Eclipse | MySQL | VS | Trello | Excel

## Strengths

- Windows OS & Linux
- Object Oriented Design / Object-Oriented Programming Systems
- Software Development Life Cycle (SDLC)
- Agile software Development
- Cognizant of enterprise application layers; worked in persistence, service, and presentation layer
- Project management (Trello board, Gantt)
- Intermediate Vietnamese
- Continuous improvement, Seek to Raise the Bar

## Education

### Bachelor of Science in Computer Science, The University of Texas at Dallas

Richardson, TX • Graduated May 2021

GPA: 3.44

### Coursework:

- |  |                                      |
|--|--------------------------------------|
| • Algorithm Analysis &<br>Data Structure | • Object Oriented Prog.<br>Systems   |
| • Software Engineering                   | • UI, UX, & Interactions             |
| • Database Systems                       | • Discrete Mathematics               |
| • Computer<br>Architecture               | • Digital Logic &<br>Computer Design |
| • Automata Theory                        |                                      |

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## Related Experience / Coursework

### Software Engineer, Infosys

Associate • February 2022 - Present

- Completion of internal certifications in Java, Spring, SQL, and Data Structures.
- Worked with Java Programming using OOP concepts.
- Furnished development using the agile methodologies.
- Connected application layers with RESTful API, upholding Backend via Spring Boot.
- Worked with team to provide single-page application in which links to Backend and conveys information as desired.
- Worked with team to incorporate CRUD functionalities to customer cards on an online shopping service and existing database all while connecting the Frontend to the Backend.

### Integration Framework, Tyler Technologies

UTD Senior Capstone Involvement • January 2021 - May 2021

- Contributed to development of sophisticated pipeline architecture using SnapLogic software to simulate data integration for collection agencies.
- Utilized test-driven development as the means of progression.
- Analyzed the problem and broke it down into smaller components, promoting an object-oriented design plan.
- Successfully executed pipelines within less than 5 seconds that were able to handle over 175,000 data cases.
- Exercised an agile oriented approach to project, performed sprints, and aligned our goals with the company sponsor's needs and criteria on a two-week basis.
- Documented and logged weekly progress of what was accomplished, what tasks remained, and any extraneous concerns for improve.

### Stock Market Transactions Database Simulation, UTD

Database Systems Project • January 2020 - May 2020

- Simulated stock market data transactions from Datahub, which took into account for users, brokers, stock exchange data, companies, etc.
- Established a foundation of exposure to SQL.
- Exercised table manipulations and data comparisons with one of our tables containing over 500 values to work with.
- Retrieved and set data with SQL queries against the database, set permissions on tables, utilized join clauses.

## Extracurricular / Societies

### Omega Phi Gamma, The University of Texas at Dallas

Richardson, TX • May 2019 - May 2021

- One of the largest Asian-interest fraternities in Texas.
- Web of connections amongst alumni across the 5 largest cities in Texas.
- Contributed to the planning of 4 fundraising events at UTD to raise over \$1500.