

THANH TUNG TRAN

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Personal Information

- **Full name:** Tran Thanh Tung
- **Date of birth:** 26th January 2002
- **Gender:** Male
- **Phone:** 0942-694-085

Education

University of Engineering and Technology - VNU Bachelor of Computer Science

Sept 2020 - Apr 2023

- **Courses:** OOP in Java, Data Structures & Algorithms, Computer Network, Software Engineering, Web Development

Skills

- **Languages:** C++, Python, Java, Javascript
- **Technologies:** JavaFX, Spring Boot, MySQL, Zsh, Git
- **Platforms:** Windows, Linux
- **Tools:** Vscodex, Vim
- **Others:**
 - Sound understanding of data structures and algorithms, namely dynamic programming
 - High proficiency in English, can communicate well both casually and technically
 - Personal English Tutor for college and high school students.

Projects

Health First

- **Description:** A web application to supervise food manufacturing facilities or food serving businesses by supporting Food Safety and Hygiene Inspection Services Division that follows agile methodology.
- **Frontend:** Reactjs, Typescript, Redux and Ant Design
- **Backend:** Spring Boot Framework using microservice architecture, secured with JWT and Spring Security.
- **Testing:** Junit5 with Mockito
- **Database:** MySQL
- **Demo:** <https://bit.ly/3OI7LYC>
- **Source Code:** <https://github.com/tt-tung2612002/Health-First>

Dictionary

- **Description:** A dictionary application built with JavaFX framework following MVC Pattern.
- **Library:** fontawesomefx, jfoenix, marrytts
- **Key Features:**
 - Integrated with Text-To-Speech Technology
 - Applied Multithreading to save start-up time
 - Search words with their corresponding synonyms, antonyms, idioms, and forms.
 - Word auto-suggestions
- **Database:** MySQL
- **Demo:** <https://youtu.be/oLRYVQoXCNs>
- **Source Code:** https://github.com/tt-tung2612002/Dictionary_JavaFX

Diet Management System

- **Description:** A management system built with JavaFX to track the number of calories users consume on a daily basis.
- **Library:** fontawesomefx, jfoenix
- **Key Features:**
 - Attractive User Interface
 - Applied Multithreading to save start-up time
 - Track calories, proteins, and carbohydrates of the corresponding food
 - Calculate BMI, TDEE, and other body information
 - Word auto-suggestions
- **Database:** MySQL
- **Demo:** <https://youtu.be/hMHI96gGg-4>
- **Source Code:** https://github.com/tt-tung2612002/Dictionary_JavaFX

Monster Run

- **Description:** A game using SDL2 and C++, based on a Google game called Dino Runner which appears when you suddenly lose internet access.
- **Library:** SDL2
- **Key Features:**
 - Highscore and death record
 - Portals to distinct realms that responds randomly
 - A wide range of character selections
- **Demo:** <https://youtu.be/zKHrPM8YFHs>
- **Source Code:** <https://github.com/tt-tung2612002/Monster-Run>

Professional Certificates

AlgoExpert Certificate of Completion (2021)

AlgoExpert

Issued July 2021 - No Expiration Date

Credential ID 5b15e86bcb