

THU VO

+1 (360) 473 7534 ◊ tv2842@truman.edu

<https://thuvo22.github.io/>

EDUCATION

Truman State University, Kirksville, MO

August 2017 - May 2021

Bachelor of Science in Computer Science

GPA: 3.34

- Competitive Transfer Scholarship
- Foundation Scholarship for Computer Science Students

Relevant coursework

- Computer Science Foundations I & II (Ada/Java)
- Object-Oriented Programming and Design (Java)
- Computing Structures
- Systems Programming (C/C++)

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, Ada, SQL, HTML, CSS.

Development tools: Eclipse, Visual Studio, Android Studio, MySQL Workbench, Git.

Frameworks/ Platforms: Spring Boot, Hibernate, Apache Tomcat, Maven, jQuery/Twitter Bootstrap.

Database: SQL Server, MySQL.

RELEVANT WORK EXPERIENCE

FPT Software - Software Engineering Intern

May 2018 - Aug 2018

Ho Chi Minh City, Vietnam

- Completed front-end of the compiler for Java, C#, C/C++ programming languages that support direct-coded scanning, recursive-descent parsing, syntax analysis and Coding Convention checker based on Oracle, Google and Microsoft standards.
- Completed projects along with the team that applied Spring technologies, Tin Can API, Bootstrap, jQuery, AJAX and three-tier architecture.
- Contributed more than 2000 lines of Java to FPT Software codebase. Released and updated new features for a training Web App used by over 500 FPT employees.

SIDE-PROJECTS

Library Management (Java, SQL)

- A Library Management system that performs CRUD operations, is used for the admins to keep track and update their books. Integrated Hibernate mapping with Spring Boot and applied the pagination mechanism in Hibernate.

Two String Sum (Java, JavaScript)

- Web App teaches students to learn the steps to plus two large numbers without using the calculator (reduced algorithm complexity from $O(n)^2$ to $O(n)$). Applied Spring Boot with Thymeleaf, Bootstrap, integrated AJAX for asynchronous server calls and set the Session Tracking mechanism to originate requests from the same browser.

Geocoder (Python, JavaScript)

- Web App that transforms an excel file with an address attribute, then displays the table with latitude and longitude and lets the user download the modified file. Applied Flask to allow the web app to upload xls extension files containing addresses for which the coordinates are added and applied Pandas to plot table from the file's data.

ACTIVITIES

- A co-founder of SFL (Smile For Life), a non-profit organization in Vietnam; Raised over \$5000 to provide food, clothes and medicine for more than 500 blind people and orphans.
- Volunteered to build a robot and demonstrated the programing basics to more than 400 junior high school students.
- An active member of ACM and TruWoman (Woman in Computer Science) in Truman State University.

SOURCE CODE

- All the listed and more side-projects are open-source and can be found on <https://github.com/ThuVo22/>