

THU VO

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

EDUCATION

Truman State University, Kirksville, MO

August 2017 - May 2020

Bachelor of Science in Computer Science

GPA: 3.34

- Competitive Transfer Scholarship

Relevant coursework

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

TECHNICAL SKILLS

Languages: • Proficient: Java, C/C++, JavaScript • Familiar: PHP, Python, Ada, SQL.

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

Frameworks/ Platforms: Spring Boot, Hibernate, Apache Tomcat, Maven, Unix/Linux.

RELEVANT WORK EXPERIENCE

FPT Software - Software Engineering Intern

May 2018 - Aug 2018

- Worked on a full stack redesign of the FPT Software Training web app in Spring Boot with the Coding Convention based on Oracle and ensured 100% jUnit test coverage.
- Migrated an existing Web App from Spring MVC application to Spring Boot application. Keeping the MySQL database up to date for an interactive Ebook website and added new feature by applying Experience API.

Big-O Coding - Teaching Assistant

May 2017 - Aug 2017

- Assisted a class of 10 students with algorithm and data structure; helped them debug the programs.
- Designed a program using Max-flow and Ford-Fulkerson algorithms to schedule classes, maximize the amount of possible seats for students to fit in a classroom.

SIDE-PROJECTS

Library Management (Java, JavaScript, SQL | Bootstrap, Hibernate)

- 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 | Spring boot, Thymeleaf, jQuery, AJAX)

- Web App teaches students to learn the steps to plus two large numbers without using the calculator. Integrated AJAX and set the Session Tracking mechanism to originate requests from the same browser.

Geocoder (Python, JavaScript | Flask, Pandas)

- Web App that transforms a 'xsl' extension file with an address attribute, then displays the table with latitude and longitude and lets the user download the modified file.

ACTIVITIES & AWARDS

- **Truman State University Coding Competition** - 2nd prize **Fall 2018**
- **ACM International Collegiate Programming Contest** - Team leader **Sep 2018 - present**
- **Association for Computing Machinery** - Member **Aug 2017 - present**
- **Woman in Computer Science** - Member **Aug 2017 - present**
- **Smile for Life** - Raised \$5000 to provide the basic needs for over 500 orphans. **Jun 2018 - Aug 2018**

SOURCE CODE

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