

THU VO

+1 (360) 473 7534 ◊ tv2842@truman.edu

<http://athuvo.com/>

EDUCATION

Truman State University, Kirksville, MO

Bachelor of Science in Computer Science

August 2017 - May 2020

GPA: 3.34

Relevant coursework

- Computer Science Foundations I & II (Ada/Java)
- Object-Oriented Programming and Design (Java)
- Database System Management
- Computing Structure (Prolog)
- Systems Programming (C/C++)
- Internet Programming (PHP)

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.

Database: MySQL Server, MongoDB.

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.

Truman State University - Undergraduate Researcher

Aug 2018 - present

- One of five approved projects got funded \$5000 to design an algorithm that detect masking content or plagiarism for the PDF file by the using the technique font mapping.
- Found the more efficient way to optimize the time and accuracy extracting underlying text using OCR (Optical Character Recognition).

SIDE-PROJECTS

Library Management (Java, JavaScript, SQL | MySQL, 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.

DegreeWorks (Python, JavaScript, SQL | PostgreSQL, JSON)

- Web App allows students to register classes, connected to RateMyProfessors database and each class returned from a search has an overall rating for a professor and the professor's hardness rating.

ACTIVITIES & AWARDS

- **International Collegiate Programming Contest Regional USA** - 9th place out of 121 teams **2018**
- **Truman State University Coding Competition** - 2nd prize **Fall 2018**
- **Association for Computing Machinery** - Vice President **Aug 2018 - present**
- **Truman State University** - Competitive Transfer Scholarship **Fall 2017 - present**

SOURCE CODE

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