

JIMMY TRAN

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[Github](#) , [Linked- In](#), [Portfolio](#)

SKILLS

- **TECHNOLOGIES:** •Java Servlet •Android development •Flask •Django •Git/Github •MySQL •Heroku •Rest API •Google Firebase •Windows 10 •Visual Studios •Eclipse •Notepad++ •Bootstrap •Apache Tomcat •Maven •JUnit
- **PROGRAMMING LANGUAGES:** •Java •Python •C++ •HTML •CSS
- **SOFT SKILLS:** •Quick learner •Detail oriented •Resilient •Problem-solving •Customer-driven •Deadline oriented
- **LANGUAGES:** •English •Vietnamese

EXPERIENCE

Wyzant | Computer Science Tutor

NOVEMBER 2019 - PRESENT | Online

- Served as an online tutor for Computer Science focused on the programming language Java
- Prepared detailed lesson plans prior to tutoring sessions
- Explained and answered Java concepts and helped with assignments and projects through an interactive digital classroom

Math Space | Mathematics tutor

AUGUST 2019 - DECEMBER 2019 | Charlestown, MA

- Assist students individually with math work, covering math concepts and helping students excel in their problem solving skills
- Instructed students on proper use of mathematical software and ensuring hardware/software was functioning properly on computers in math lab

PROJECTS

Haverhill Hackathon — School Website | Full Stack [website](#) [source code](#)

- Competition that lasted 24 hours, in which we teamed up to help solve & create a digital ecosystem for schools and community agencies like after school programs to efficiently communicate their data with the end goal to uplift student success.
- Front-end made with Bootstrap, HTML, CSS, and JS, scripted in Python, using Flask as a web framework for the back-end, and MySQL database for managing student's information, forms, activity logs, and user credentials.
- Website includes user login, daily report submissions, student grades, and graphs that keep track of student's academic performance in school
- Implemented a REST API that allows certain users to request for student's data with registered API keys.

CS Book Store — Ecommerce website | Full Stack [website](#) [source code](#)

- A complete full stack development project which includes a web application, server, client side and database.
- Used HTML and CSS for prototyping the user interface, Java Servlet for server-side scripting, and MySQL database for managing user and book inventory.
- Performed test cases using the Junit library to ensure the application's requirements are met
- Used Apache Maven as an automation tool to import necessary dependencies and plugins from the Maven repository into the project.

Designer Nail Salon — Business Website [website](#) [source code](#)

- A complete fully responsive nail salon website, made with Bootstrap, Java Servlet, JSP, HTML, CSS, and VanillaJS. Website includes a home, bookings, services, and reviews' page
- Used the JavaMail API to implement a Simple Mail Transfer Protocol (SMTP) to send appointment forms to the business' email submitted by customers.
- Used Maven for managing the project's dependencies and build and Apache Tomcat as a web server.

Shopr — Android mobile app [source code](#)

- Online marketplace java-based mobile application that lets users buy and sell items within the platform
- Integrated the Firebase API for server side configurations, real time database storage and user authentication
- Users are able to register for a Shopr account and post their items for sale or shop for items that are posted by other users

EDUCATION

Bunkerhill Community College Charlestown, MA | 2017-2019

- **Relevant Courses:** •Introduction to Object Oriented Programming •Java •Advanced Java •C++ •Android Development •Data Structures
- A.S Degree in Computer Science Transfer Option

University of Massachusetts Boston Boston, MA | 2020-2022

- **Relevant Courses:** •Programming in C •Social issues and ethic in Computing
- Bachelor of Science in Computer Science