

JIMMY TRAN

Jimmy.Tran005@umb.edu | (781)-267-1202

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

SKILLS

- **TECHNOLOGIES** :Flask · Django · Node Js · Vue.js · Git/Github · Relational database · MySQL · Java Servlet · Android development · Heroku · Rest API · Google Firebase · Digital Ocean · Visual Studios · Eclipse · Bootstrap · Apache Tomcat · Maven · JUnit · Unit Testing · Ubuntu
- **PROGRAMMING LANGUAGES**: · Java · Python · C++ · C · HTML5 · CSS3 · Javascript
- **SOFT SKILLS**: · Quick learner · Detail oriented · Resilient · Problem-solving · Customer-driven · Deadline oriented
- **LANGUAGES**: · English · Vietnamese

EXPERIENCE

Environmental League of Massachusetts (ELM) | Full Stack Web Developer

MAY 2020 – AUGUST 2020 | Boston, MA

- Built and deployed a voter's guide website for the 2020 congressional election for voters to look up their district's legislators.
- Used various external APIs to meet the requirements of the website, optimized code and web content to improve search engine rankings
- Weekly meetings with the Program Manager, website consultant, and executive director to discuss updates and proceedings on the website
- Technology stack: HTML5, CSS3, Bootstrap, Django, and MySQL

Wyzant | Computer Science Tutor

NOVEMBER 2019 – MAY 2020 | Remote

- 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

PROJECTS

Green Voter Guide MA — Environmental Website | Full Stack [website source code](#)

- Search engine that is built for voters to search their district's legislators based on their residential address
- This tool allows voters to get a better understanding on who to vote for on their ballot based on endorsements of 5 partnered environmental advocacy organizations in Massachusetts.
- Incorporated the USgeocoder API to gather state legislative district data, and the Google Places API for auto-completion of address fields.
- Implemented test cases using the unittest library to ensure functionality of the application's request handlers and database queries
- Technologies used: HTML5, CSS3, Bootstrap, Python/Django, MySQL, DigitalOcean, and Heroku Cloud Platform

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.
- Website includes user login, daily report submissions, student grades, and graphs that keep track of student's academic performance in school
- Technologies: HTML5, CSS3, Bootstrap, Javascript, Flask, MySQL, Heroku Cloud Platform

COVID-19 Messenger Tool — [website source code](#)

- Integrated a web scraper which extracts COVID-19 data, into a web app which sends out an email directly to you on the latest COVID-19 status.
- Sends you a table of real-time data on all 50 states in the United States. Data includes total cases, new cases, total deaths, and new deaths.
- Technologies: HTML5, CSS3, Vanilla Javascript, Python, Flask, BeautifulSoup, SMTP, AWS Elastic Beanstalk

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

- A complete fully responsive nail salon website made for a local small business
- Used the JavaMail API to implement a Simple Mail Transfer Protocol (SMTP) for appointment form transactions.
- Technologies: HTML5, CSS3, Bootstrap4, Javascript, Java Servlet/JSP, Apache Maven for managing the project's dependencies and build, Apache Tomcat as a web server, Heroku as a cloud hosting platform

CS Blog — Blogging Website | Full Stack [website source code](#)

- A simple CS based blog website which allows users to write, publish, and share any informative CS-related topics.
- Learned how to add SALT to passwords before hashing to enhance password security when storing into database
- Features: Register/Login, Blog's feed page, User's settings page
- Technologies :HTML5,CSS3, Bootstrap, VanillaJS, Python/Django, PostgreSQL, Heroku, and DigitalOcean.

EDUCATION

Bunkerhill Community College Charlestown, MA | 2017–2019 (Associate of Science in Computer Science Transfer Option)

- **Relevant Courses**: ·Introduction to Object Oriented Programming ·Java ·Advanced Java ·C++ ·Android Development ·Data Structures

University of Massachusetts Boston Boston, MA | 2020–2022 (Bachelor of Science in Computer Science, expected in Fall 2021)

- **Relevant Courses**: ·Programming in C ·Social issues and ethic in Computing ·Applied Discrete Mathematics