JIMMY TRAN

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Github , Linked- In, Portfolio

SKILLS

- TECHNOLOGIES ·Flask ·Django ·Node Js ·Vue.js ·Git/Github ·Jest ·Relational database ·MySQL ·Java Servlet ·Android development ·Heroku ·Rest API ·Google Firebase ·Digital Ocean ·Visual Studios ·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

Software Engineer Intern | **WellThee-** *New York City, NY*   **September 2020- Current**

- Refactored and implemented RESTful API endpoints for the company's web application
- Worked on backend development tasks such as writing unit tests, logic, and debugging
- Exposure to Node.js, Express, Typescript, Jest

Full-Stack Web Developer | **Environmental League of Massachusetts-** *Boston, MA*   **May 2020 - August 2020**

- 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

Computer Science Tutor | **WyzAnt -** Remote   **November 2019- May 2020**

- 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*

- 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

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 Math* ·*Advanced Data Structures & Algorithms*