

JIMMY TRAN

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

SKILLS

- **TECHNOLOGIES** Node Js, React.js, Flask, Django, React Native, Android,, MySQL, MongoDB, Git/Github, RESTful API, Google Firebase, Maven, Jest, pytest, JUnit, Unit Testing, Ubuntu/Linux, AWS Elastic Beanstalk, Heroku, HTML5/CSS3, Bootstrap
- **PROGRAMMING LANGUAGES:** ·Java ·Python ·Javascript ·C++ ·C
- **SOFT SKILLS:** Quick learner, Detail oriented, Resilient, Problem-solving, Customer-driven, Deadline oriented
- **LANGUAGES:** English, Vietnamese

EXPERIENCE

Software Engineering Intern | WellThee (<https://getwellthee.com/>) - Remote

September 2020 - April 2021

- Refactored and implemented RESTful API endpoints for the company's mobile and web application.
- Collaborated with the iOS and React team on a weekly-basis to discuss tasks and plan out sprints for the app.
- Worked on backend development tasks such as refactoring code, writing unit tests, logic, and debugging.
- Exposure to React, Node.js, Express, Swift, Jest, PostgreSQL.

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 — Congressional Voter's Tool | 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 unit tests to ensure all aspects of the application are working correctly.
- Technologies: HTML5, CSS3, Bootstrap, Python/Django, MySQL, DigitalOcean, and Heroku Cloud Platform.

Designer Confirmation API — SMS appointment confirmation API [website source code](#)

- A RESTful API that is used for automating the appointment confirmation process for a nail salon
- This server takes a request from the nail salon web app and interacts with Twilio to send out appointment confirmations to customers
- Technologies: Flask, Python, Twilio

COVID-19 Tracker — Pandemic status tracker tool | Full Stack [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 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.

Best Programming Language Survey — Voting tool | Full Stack [website source code](#)

- A full stack application made with React.js, Chart.js, Node.js/Express, and MongoDB. Used Netlify and Heroku for deployment.
- This website contains a survey which prompts participants to choose which programming language they most prefer, and will show a count in visual graphs of the overall votes in real time.
- This was my first time implementing the MERN stack.

Tweetir — Twitter Clone | Full Stack [website source code](#)

- A social media full stack application which includes features such as register/login, posting tweets, and interacting with user's tweets
- Implemented a RESTful API using Express as a backend framework, and using JWT (Json Web Tokens) for stateless authentication.
- Technologies: React.js, Node.js/Express, MongoDB, Firebase Cloud Storage, Netlify (to host client), Heroku (to host server)

EDUCATION

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

- **Relevant Courses:** C programming, Advanced Data Structures & Algorithms, Computer Architecture, Database Management