# JIMMY TRAN

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Github , Linked- In, Portfolio

## SKILLS

- <u>TECHNOLOGIES</u>  *Node Js, React.js, Flask, Django, React Native, Android, SQL, NoSQL, Git, RESTful API, Google Firebase, Maven, Jest, Integration Testing, Unit Testing, Ubuntu/Linux, AWS Elastic Beanstalk, Heroku, HTML5/CSS3, Bootstrap, ASP.NET*
- <u>PROGRAMMING LANGUAGES</u>:  *Java , Python , C#,  Javascript/Typescript, C/C++*
- <u>SOFT SKILLS</u>:  *Quick learner, Detail oriented, Resilient, Problem-solving, Customer-driven, Deadline oriented*
- <u>LANGUAGES</u>:  *English, Vietnamese*

## EXPERIENCE

**Software Developer Intern** | **XPO Logistics** -  *Boston, MA*                                                                  **May  2021- August 2021**

- Implemented a new functionality for parsing excel files containing warehouse data to automate and improve monthly uploads by 98%.
- Worked on various tasks and issues related to the frontend and backend, and contributed to the delivery of stories
- Took part in daily scrum meetings with the Less than Load (LTL) team, and practiced agile methodologies using Jira.
- Exposure to Angular/ Typescript, C#, ASP.NET, MSSQL, Elastic Search, and Jira.

**Software Engineer 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, PostgresSQL.

**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.

## 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, and improving the initial process by 89%
- This server exposes an endpoint that will interact with Twilio to send out appointment confirmation SMS to intended customers
- Technologies: Flask, Python, Twilio, JSON web tokens

**COVID-19 Tracker  —** *Pandemic status tracker tool* | **Full Stack** *website* *source code*

- Integrated a web scraper functionality into a web application, which extracts COVID-19 data from worldometer.com.
- Sends out email of total cases, new cases, total deaths, and new death in all 50 states in the United States to consumers.
- 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  JSON Web Tokens  for stateless authentication.
- Technologies: React.js, Node.js/Express, MongoDB, Firebase Cloud Storage, Netlify, Heroku

## EDUCATION

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

- <u>Relevant Courses</u>:  *C programming, Advanced Data Structures & Algorithms, Intro to Software Engineering,  Database Management, Applied Machine Learning, Computer Architecture,  Theory of Computation, Operating Systems*