

# MICHAEL TRUONG

DIGITAL CREATOR | SOFTWARE ENGINEER | PROBLEM SOLVER

## ABOUT ME

Curious, solutions-driven software engineer with a passion for finding elegant solutions to difficult problems.

My love for tinkering and building amazing web applications drives my pursuit of perfection. I have a background in education and science which provides me with a unique humanistic perspective and strong attention to detail that makes me a great software developer on any team.

## EDUCATION

**Software Engineering Immersive**  
General Assembly  
2020 - 2021

**B.S. - Organismic & Evolutionary Biology**  
Harvard University  
2009-2013

## PROFICIENCIES

HTML5 •	PostgreSQL •
CSS •	Ruby On Rails •
JavaScript •	Bootstrap •
MongoDB •	Heroku •
Express.js •	Data Structures •
React.js •	Algorithms •
Node.js •	Java •

## LET'S CHAT

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[michaeltruongportfolio.herokuapp.com/projects](https://michaeltruongportfolio.herokuapp.com/projects)

[linkedin.com/in/m-truong](https://linkedin.com/in/m-truong)

[github.com/m-truong](https://github.com/m-truong)

## RECENT PROJECTS

**Software Engineering Immersive Program**  
General Assembly | Boston, MA | 2020 - 2021

500-hour, full-time course where I gained hands-on experience with today's most relevant front-end and back-end technologies, including HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, React, SQL, Ruby on Rails, Github, and core computer science topics, such as design patterns, algorithms, and data structures.

- [Time Wager Mobile App - \[GitHub Repo\]](#)
  - React Native app built to help raise awareness for the FightFor15 movement; designed and developed in collaboration with UX Designer [Kayla Trinh](#).
  - Users can input their wage into a calculator to determine the amount of time it took to earn it.
- [COVID-19 Tracker App - \[GitHub Repo\]](#)
  - Live COVID-19 information portal that dynamically visualizes total cases, deaths, and recovered statistics built using Styled-Components, React-Leaflet, React-Chartjs-2, Ruby On Rails, PostgreSQL, and the Disease.sh API.
- [Racquet Dash E-Commerce App - \[GitHub Repo\]](#)
  - Fully-responsive, modern tennis racquet e-commerce full-stack app built using NoSQL MongoDB database, Express.js server, React.js component-driven design, Node.js, and the RacketLogger API.
- [Mike's Card Battle Game - \[GitHub Repo\]](#)
  - Frontend browser turn-based Yu-Gi-Oh card battle game built with HTML, CSS, and JavaScript classes.
  - Features object-oriented design, event-driven programming, jQuery DOM manipulation, Bootstrap components, and the Yu-Gi-Oh! API.

## PROFESSIONAL EXPERIENCE

**Associate Teacher**

Pioneer School of Science | Everett, MA | 2019 - 2020

- Assisted instruction in 5 science classes, building relationships with students as mentor, and organized chemistry and physics daily lessons with core teacher.
- Assistant coached Boys & Girls XC Team; led school to win MCSAO XC Championships 2019.
- Co-organized MIT Racecar program; co-instructed afternoon school program in Python lessons for 2 months; attended weekend training sessions at MIT.