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

PROFICIENCES

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

LET'S CHAT

Boston, MA

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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.

- Mike's Card Battle Game -
  - 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.
- Racquet Dash E-Commerce App -
  - 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.
- COVID-19 Tracker App -
  - 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.
  - Integrates Twitter Developer API to fetch live COVID-19 news updates from the @CDCgov Twitter account.

PROFESSIONAL EXPERIENCE

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

- Assisted instruction in 5 science classes, building relationships with students as mentor.
- Aided development of science curriculum, organized chemistry and physics daily lesson plans 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.