TROY SATCHELL

FRONTEND DEVELOPER / E-PORTFOLIO

617-712-6414 / TroySatchell@gmail.com / Boston, MA

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
August 2020 – Current / Northeastern University / Boston, MA

WORK EXPERIENCE

Freelance / Frontend Software Engineer
Feb 2022 – Current
- Engineered scalable, responsive, multi-platform**,** and **SEO-friendly** websites for multiple clients using **HTML5, CSS3 + BEM, JavaScript ES6+,** and **React** best **practices**
- Communicated business requirements with stakeholders and delivered high-quality solutions
- Connected to backend **APIs** through **CRUD** HTTP requests

Self-Employed / Programming Tutor
Jan 2022 – Current
- Tutored clients HTML, CSS, Flexbox**,** and JavaScript best **practices**
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises**,** and API requests
- Taught debugging best **practices** using Google Chrome inspect element tooling
- Provided website UI designs to 1:1 and reviewed code through weekly code reviews

PROJECTS

Ecommerce Application (Library) (View project) – **(GitHub)**

- Used mock data regarding popular books and implemented a filter system to sort by Prices, and Rating
- Created a fully responsive and fast eCommerce application using **React, JavaScript, HTML, and CSS** best practices

Business Landing Page (View project) – **(GitHub)**

- Improved website performance by compressing, caching, and lazy loading images and components
- Included SEO, responsive, multi-platform, and hosting support, enabling their business to be viewed by any global client
- Created a fully responsive professional landing page using **Next.Js, JavaScript, and CSS** best practices

ViZIO Website Redesign (View project) – **(GitHub)**

- Provided a redesign for Vizio's Dolby Atmos product
- Created a fully responsive web application using **React, JavaScript, HTML, and CSS** best practices

Airbnb Clone (View project) – **(GitHub)**

- Fetched data from a mock API to allow users to view information about places to stay in London
- Implemented a dynamic map using Mapbox API to work in tandem with the user-generated information to display the location provided
- Created a fully responsive Airbnb clone using **Next.Js, JavaScript, and CSS** best practices

TECHNICAL SKILLS

Proficient: Html5, Tailwind CSS, CSS3 (BEM), JavaScript ES6+, Next JS, React (+hooks), npm, Git, GitHub

Familiar: Redux, SASS, Yarn, React dev tools