

# Ethan Salonga

[ethan@ethansalonga.com](mailto:ethan@ethansalonga.com) | [ethansalonga.github.io](https://ethansalonga.github.io)

516-506-8971

## Professional Summary

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An experienced and highly motivated frontend developer with a strong passion for learning and building websites that provide a great user experience.

## Education

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**CS50 Introduction to Computer Science**  
Harvard University

Online

**Bachelor's Degree in Biomedical Engineering**  
Binghamton University, Watson School of Engineering and Applied Science

Binghamton, NY

## Experience

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**Freelance**  
Frontend Software Engineer

Oct 2021 - Current

- Engineered scalable, responsive, multi-platform and SEO friendly websites for clients using HTML5, CSS3 + BEM and JavaScript ES6+ best practises
- Communicated business requirements with stakeholders and delivered high quality solutions

**Self Employed**  
Programming Tutor

Oct 2021 - Current

- Tutored clients HTML, CSS, Flexbox and JavaScript best practises
- Simplified difficult programming concepts including responsive website development, CSS layout, Promises and API requests
- Taught debugging best practises using Google Chrome inspect element tooling
- Provided website UI designs to 1:1 and reviewed code through code reviews

**GDC Medical Electronics**  
Biomedical Technician

Nov 2020 - Current

- Performed 100+ preventative maintenance and electrical safety inspections for healthcare facilities throughout NY and the greater north-eastern region
- Inspected and repaired over 1000+ pieces of assorted medical equipment, including ultrasound machines, AEDs, EKGs, electrical beds, oxygen concentrators, patient lifts, etc.
- Developed and refined diagnostic / troubleshooting skills while properly and effectively servicing defective medical devices

## Commercial Projects

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## Basic E-Portfolio

<https://ethansalonga.github.io/basic-eportfolio/>

- Designed and developed my client's e-portfolio using semantic HTML5 and CSS3 (+BEM) best practises (personal information substituted to protect privacy)
- Included responsive and multi-platform support to enable the portfolio to be viewed on any platform and device

## Barber Website

<https://ethansalonga.github.io/barber-website/>

- Delivered Manny's Barbershop their website in 7 days using HTML5 and CSS3 (+BEM) best practises
- Improved their website performance by compressing, caching and lazy loading images and components
- Included SEO, responsive, and multi-platform support, enabling their business to be viewed by any client

## Technical Skills

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**Proficient:** HTML5, CSS3 (BEM), JavaScript ES6+, React (+hooks), npm, Git, GitHub

**Familiar:** Redux, SASS, Yarn, React dev tools