

# PERRY HUANG

Full-Stack Software Engineer

📍 Boston, MA

✉ perryhuang@gmail.com

☎ 857-939-1502

📁 Live Portfolio:

[perryhuang.github.io](https://perryhuang.github.io)

🌐 / [perryhuang](https://perryhuang.github.io)

in / [perryhuang](https://perryhuang.github.io)

## SKILLS

### Languages

JavaScript

Python

HTML

CSS

### Technologies

React	MongoDB
Redux	Mongoose
NodeJS	Git
Django	GitHub
Express	Bootstrap
PostgreSQL	Handlebars
SQL	Sass
jQuery	Heroku
Postman	

### Other Programs

Arduino	Keyshot
AutoCAD	MATLAB
Creo	SolidWorks

## EDUCATION

**Northeastern University** - Boston, MA

*Bachelor of Science,*

*Mechanical Engineering*

**GPA: 3.78 / 4.0 - Magna Cum Laude**  
2014 – 2018

*Capstone Design Project:*

*Bimodal Bone Stimulation Device*

- Worked closely with 4 other engineers to develop concept into functional prototype
- Designed, prototyped and iterated a bimodal bone stimulation device for ICU infants
- Voted best project in our track by panel of 9 jurors

## SOFTWARE ENGINEERING PROJECTS

### Energy

Oct 2020

- A dynamic dashboard that renders a custom greeting, current weather, time, random HD wallpaper and an inspirational quote
- Built with **React**, Moment.js
- **3<sup>rd</sup> party APIs**: Unsplash API, OpenWeather API, Inspirational Quotes API

### IRONMAN Fit

Sept 2020

- Social fitness app where users can log/CRUD workouts and share it to a live feed for other users to see
- Users can also browse other athlete profiles and view their workout history
- Front end: **React**, **JavaScript** and **Bootstrap**
- Back end: **Django** and **PostgreSQL**

### DevSpot

Aug 2020

- **Team lead** for project developed 100% remotely with 3 other engineers
- A social networking app for software devs
- Users can CRUD posts and view other user profiles
- Front end: **React**, **JavaScript**, and **Bootstrap**
- Back end: **Express**, **MongoDB** and **Mongoose**

### Mass Martial Arts

July 2020

- A crowdsourced library of martial arts gyms in the Greater Boston Area
- Users can browse, filter by training concentration, create, edit and delete gyms
- Front end: **JavaScript**, **jQuery**, **Handlebars**, **Bootstrap**, **HTML**, **CSS/Sass**
- Back end: **Express**, **MongoDB** and **Mongoose**.

## EXPERIENCE

### Software Engineering Immersive Fellow

June 2020 – Sept 2020

#### *General Assembly*

- A flagship full-time, 500+ hour, 12-week intensive course on the fundamentals of computer science and full-stack software development
- Built 4 full-stack applications from scratch
- Led 3 other engineers in developing team project planning, feature development, code reviews, pair programming and task delegation
- Immersed in industry best practices and workflow, including git version control, code refactoring, product development life cycle, agile and scrum frameworks, and daily standups

### Mechanical Engineer Intern

Nov 2019 – June 2020

#### *SharkNinja*

- Directly involved in agile engineering development of 3 new generation consumer products across the Ninja brand through scrum and daily stand ups
- Designed, prototyped and iterated several production features of best in class Ninja kitchen products
- Collaborated with Product Development, Marketing, Food Science and Culinary cross-functional teams to develop innovative engineering designs (CAD layouts, proof of concept models and rapid prototypes)

### Automotive Design Co-op

Jan 2017 – June 2017

#### *Bosch*

- Designed and constructed electromechanical test system capable of testing and recording data for different configurations of prototype valve
- Developed test specifications to monitor key performance metrics of valve
- 3D designed and machined prototype valve parts by lathe, mill and 3D printing