

Peter Lam

Contact

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peterlam.me

Skills

HTML/CSS

JavaScript

React.js

Node.js

Express

MongoDB

Sketch

Zeplin

Figma

Adobe Creative Suite

Relevant Coursework

Web Programming

Game Design

Introduction to
Human Factors

Machine Structure &
Programming

Computer System
Security

Computation Theory

Algorithms

Data Structures

Programming Language
Theory

Extracurriculars

Future Histories

Online Editor

- The literary journal at Tufts; as online editor, was responsible for the production of each online issue of the journal, adapting each print piece for display on the web.

Tufts Daily

Contributing Designer/Writer

- Produced graphics to help illustrate data-heavy news articles
- Wrote reviews for the arts section
- Formerly the editor of the graphics section, leading team of designers.

Education

Tufts University B.S. Computer Science & English

September 2016 – May 2020

GPA: 3.76/4.00 (Magna Cum Laude)

Recipient of the Mabel Daniels Prize

Experience

Medi Front-End Development Intern

June 2020 – August 2020

Medi is an early-stage startup connecting healthcare workers with discounts and offers.

- Independently designed and built company's MVP after discussing needs and goals with the founder.
- Implemented front-end of application from mockups using React.js
- Built RESTful API with Node.js, Express, MongoDB, and secured all requests with JWT tokens.

Documentary Songwriters Front-End Lead

September 2019 – June 2020

Documentary Songwriters is a non-profit which was seeking to build a web app for musicians to track their practice sessions.

- Planned and implemented front-end interface from mockups using React.js
- Lead team of undergraduates to code interface, breaking down work for each week and reviewing code as it was pushed
- Mentored and taught team members new to front-end development

Laidlaw Foundation UI/UX Designer + Scholar

May 2018 – August 2019 Medford, MA

The Laidlaw Foundation sponsors undergraduates to conduct independent research projects of their own design over the course of two summers.

- Led independent research team to design an iOS app to help treat symptoms of patients with binge eating disorder
- Conducted research on gamification and user interface engagement, then translated results into mockups of app screens using Sketch

AccuAssembly C# Intern

June 2017 – August 2017

- Learned C# and VB.Net to ship a plugin in the first 3 weeks
- Adapted managed .NET C# DLL to be called from unmanaged C++ code
- Created a plugin to sync software result with a web server

Projects

Medi

React.js, Node.js, Express, MongoDB, UI/UX Design

- Designed and built MVP for an early-stage startup; site displays discounts and offers to healthcare professionals.
- Authenticates users with Auth0, verifies both a personal and a professional email for each account, and allows users with administrator accounts to update displayed offers and discounts.

Hanako

UI/UX Design, Research

- High-fidelity mockups of an iOS application which could theoretically be used to treat patients with binge eating disorder.
- Conducted independent research on user engagement and gamification, then translated results of research into mockups
- Presented results at research conference in October 2019

