Peter Lam

Contact

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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 an 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