

# Jonathan Fung

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## Education

### University of California, Irvine

Irvine, CA

B.S. MATERIALS SCIENCE ENGINEERING, MINOR IN STATISTICS, GPA: 3.7/4.0, Cum Laude

Sept 2018 - Dec 2021

- **Select Coursework:** Semiconductors, Polymers, Ceramics, Nanomaterials, Manufacturing, Thermodynamics, Engineering Computation, Linear Algebra, Differential Equations, Statistical Data Analysis I & II, Probability I & II & III, Human-Computer Interaction

## Skills

- Methods** Statistical & Machine Learning, Bayesian Statistics, Functional Programming
- Technical** R (tidyverse, stan), Julia, Python, Haskell, Lisp, JavaScript, HTML/CSS, MATLAB, SolidWorks,  $\LaTeX$ , SQL, Linux
- Creative** Figma, Adobe XD, Adobe Illustrator, UserTesting
- Soft** Adaptability, Decision Making, Attentiveness, Problem Solving, Research

## Experience

### American Heart Association

Dallas, TX (Remote)

FREELANCE CONSULTANT - UX DESIGN

July 2021 - Nov 2021

- Research and analyze internal business logic and competitors
- Produce wireframes and prototypes, conduct qualitative and quantitative user testing
- Adhere to accessibility standards and work with internal design system

### VoxPop Games

Brooklyn, NY (Remote)

SOCIAL MEDIA + DESIGN INTERN

Feb 2021 - April 2021

- Research and analyze competitive landscape
- Map out and analyze user flows across company's web app
- Create wireframes and prototypes, and solidify company's design language

### Meyer Sound

Berkeley, CA

OPERATIONS INTERN

June 2019 - Sept 2019

- Maintained compliance data from UL, TUV, CE, IEC, and CCC for company's entire product range
- Managed, updated, cleaned, and modified data from Product Lifecycle Management system (Oracle Agile)
- Originated and processed Engineering Change Order (ECO) reports. Updated 50+ documents to include revised RCM Mark and CCC Label
- Created various model labels with Adobe Illustrator following compliance standards

## Organizations

### Design at UCI

Club @ UC Irvine

PROJECT TEAMS COORDINATOR

Nov 2019 - June 2021

- Develop and implement Project Teams Program from ground up
- Supervise and guide teams of students through a UI/UX design project
- Research UI/UX design processes and workflows used in industry

### General Chemistry Peer Tutoring

Org @ UC Irvine

TUTOR

Sept 2019 - June 2020

- Aid students enrolled in General Chemistry course series (1A, 1B, 1C, 1X)
- Create weekly worksheets, offer personal office hours, and hold exam review sessions

## Projects

### Designathon at UCI

DESIGNATUCI.COM/STATIC/DESIGNATHON2020/

Nov 2020

- Co-Produced inaugural Designathon event
- Research and analyze prior art and modify for organization's needs
- Received 170+ applicants, with professional speakers from Google, Sketch, Twitch, and Amazon

### Personal Website

JONATHANMFUNG.GITHUB.IO

- Prototyped in Figma, Hosted on GitHub Pages
- Built with Emacs Org-Mode and Literate Programming techniques
- Brainstormed design goals, refined site drafts with user feedback