

Jonathan Fung

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Education

University of California, Irvine

Irvine, CA

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

Dec 2021 (Exp.)

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

Skills

Technical R (tidyverse), Julia, Python (numpy, pandas), Rust, Lisp, HTML, CSS, JavaScript (React), MATLAB, SolidWorks, ~~TeX~~TeX, Linux

Creative Adobe Illustrator, Adobe XD, Figma

Soft Adaptability, Decision Making, Attentiveness, Problem Solving, Research

Experience

American Heart Association

Dallas, TX (Remote)

FREELANCE CONSULTANT - UX DESIGN

July 2021 – Present

- Research to gain understanding of the domain and internal business logic
- Produce wireframes and prototypes, conduct 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

- 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 – Present

- 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
- Develop and implement club's Designathon event

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/DESIGNATHON

Nov 2020

- Co-Produced/Directed entire Designathon event
- Professional speakers from Google, Sketch, Twitch, and Amazon
- Received 170+ applicants

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