

Ryan Chiang

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Education

University of California, Berkeley | *Mechanical Engineering BS*

AUGUST 2021 - EXPECTED MAY 2025

Relevant Courses: Introduction to Matlab (E7), Manufacturing and Design Communication (E26), Mechanical Behavior of Engineering Materials (ME108), Engineering Mechanics II (ME104), Thermodynamics (ME40), Introduction to Solid Mechanics (MEC85), Multivariable Calculus (Math53), Linear Algebra (Math54), Physics7A-7B

Walnut High School | **Walnut, CA** - *High School Diploma*

AUGUST 2017 - MAY 2021

Skills

Software: Solidworks, Fusion 360, Matlab, HTML, CSS, Javascript; Familiar with React, Python, Java

Hardware: 3D Printing, Prototyping, Electronics, Manufacturing and Fabrication, Carpentry

Experience

Web Development Director | **SAAS** - *Berkeley, CA*

AUGUST 2022 - DECEMBER 2022

- Designed about ~10 new data consultant projects and ~20 new leadership team member informational cards for clients
- Led a team of members on projects like updating member profiles and altering the hero section's design
- Instructed and taught the team web development skills such as HTML, CSS, Javascript, Django, and Git

Senior Strategy Consultant | **SBC Consulting** - *Berkeley, CA*

SEPTEMBER 2021 - MAY 2022

- **San Francisco 49ers** | **Elevate Sports Ventures LLC**
 - Scrutinized pages of research geared towards premium and general admissions ticket pricing, such as negotiating conference and private calls amongst various event management companies around the industry
 - Recommended best website practices, such as a reconsideration of the UI design to make their organization's website more customer friendly
 - Obtained over 12 professional sports organization's premium and general admissions ticket pricing
 - Cumulatively organized the data in a comprehensive spreadsheet featuring website insights and information
- **Cruise LLC**
 - Surveyed over ~200 students to analyze the current sentiment on autonomous driving vehicles
 - Analyzed market trends within a Generation Z market
 - Mapped over 6 of the leading competitors within the robotaxi market, identifying marketing tactics in various social media platforms and offered current trends to increase visibility of Cruise LLC

Network Engineer Intern | **Atos** - *Norco, CA*

MAY 2020 - MARCH 2021

- Spearheaded the redistribution of ~\$50k in surveillance spending to network mapping and server installation
 - Researched optimal security hardware options for Norcos architects, project managers, and engineers
 - Analyzed, surveyed, and mapped out best seeded locations for ~400 video cameras for base surveillance and video analytics for data around the campus
 - Installed hardware for video intelligence for identity access management, predictive failure, and preventative maintenance for 7 production lines
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Projects

MOD Website (chiangr.github.io)

- Developed website from scratch using HTML, CSS, and Javascript for a Design Methodology (DES15) team product idea
- Designed animations and visual effects such as text fly ins and carousel animations to communicate the team's company

Shoe Storage Bench

- Familiarized with using a miter saw, jigsaw, orbital sander, and finish with personal project that incorporated pine wood and MDF
- Visualized dimensions and tolerances down to the thousandths of an inch prior to construction using Solidworks

Mechanical Push Latch

- Designed a part to mimic that of a magnetic push latch using household items and springs to be integrated into a DIY drawer
- 3D Printed through about 5 iterations of CADD files and trial and error tolerancing

Bobabora Website

- Implemented HTML, CSS, and Javascript to create a personalized website for Bobabora, a bubble tea company
- Designed various dropdown menus for tabs with CSS to streamline the displays of the company's message and product
- Designed an automatic slideshow in the frontpage of the website to display various images