



Education

BS | Computer Engineering
University of California-San Diego |
Sep 2018 - June 2022

Career Objective

I am looking for an internship
for **software web app design or
development**

Availability

April - September 2021

Experience

CSE tutoring program in UC San Diego | tutor

Sep. 2019 - Present

- Tutored "intro. to Java I" for FA19; "intro.to Java II" for WI20; "intro to computer architecture" for SU20 1&2 sessions; "advanced data architecture" for FA20; "intro. to Python" for FA21
- Take responsibilities in lab hours and tutor hours
- Help the instructor in grading assignments, teaching, and designing the class

Fypers | UIUX Design

Jul. 2021 - Sep. 2021

- Designed UI on WeChat application
- Designed visual components in different platforms.

LaunchIt project | digital marketing

Jan. 2019 - Sep. 2020

- Working with visual media marketing projects.
- Designed and launched a few digital posts and animation.

ARMOR Laboratory in UC San Diego | volunteer

Jan. 2019 - Sep. 2020

- Assist in both soft robotics project and wearable sensor project

Projects

Web Application for diaries - Compass

- A web app to upload vlogs and audio recordings as personal diaries.
- Used node.js, jquery and bootstrap, hosted by heroku, and designed using Figma.
- Participated from brainstorm, design, coding to deploy.

Career Experience Platform - C-Element

- C-Element is a platform offering opportunities to experience different career offline.
- Part of the UIUX team that designs the online app using Figma.
- Participated as a the graphic designer for digital marketing materials.

Charity Social platform - Bridge

- Bridge connects the donors and donees in a more personal way.
- Bridge used node.js, hosted by heroku, and designed using Figma.

App for casting preparation - GoldCast

- GoldCast is designed for a high efficient casting process.
- GoldCast uses a recommending algorithm to assist users during initial audition process.
- This program used node.js, jquery, bootstrap. Used firebase to host as database.
- This program is designed using Figma.

ARMOR parachute DAQ project

- Measure string tension on the button of a parachute to detect abnormal situations
- Design circuit based on Wheatstone bridge and build codes from scratch
- Used C programming on Beaglebone Black and soldered SMD onto circuit

C-CNN-GAN music generator - Chiptune

- Chiptune is a 8-bit music generator which uses a deep learning model called C-CNN-GAN.
- This program can create similar style music clips by learning from a given music set without prior classifications.
- This program is in python with supports from pytorch.

Skills

programming

java • verilog • matlab • python • c • c++ • bash script • arm • node.js • latex

tools

vscode • vim • unix • eclipse • arduino • beaglebone • autodesk fusion 360 • loggerpro • github • modelsim • quartus