

Yuri Chen

65B Washington Street, Wellesley, MA | (617) 708-6889 | yurichen@umich.edu | yurichen.me

EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Engineering in Computer Science, Minor in Art and Design

September 2019 - April 2023

GPA: 3.6/4.0; ACT: 35/36

Relevant Coursework: User Interface Development, Web Systems, Computer Vision, Studio 2D Art

SKILLS

Languages: C++, Python, Java, C#, Matlab, HTML/CSS, Javascript, React.js, Vue.js, Flask, SQLite

Platforms: Visual Studio Code, Github, Unity, Adobe Photoshop, Adobe Illustrator

WORK EXPERIENCE

Avrio AI

Boston, MA

Software Engineering Intern

May 2021 - September 2021

- Managed 5 person intern group by scheduling progress meetings and leading communication with CEO to coordinate tasks for the development of a new customer-facing Avrio website
- Created new Python script to bring in over 2 million jobs to Avrio servers using Github and Appcast API, leading to an estimated 99% time saved in importing jobs

Renew CS

Ann Arbor, MI

Computer Science Mentor

September 2021 - present

- Direct weekly tutoring sessions on C++ for 2 undergraduate women in computer science to facilitate a better understanding of key course concepts and to provide guidance as a fellow woman in STEM
- Prepare individualized lesson plans by employing Runestone Interactive for hands-on questions and activities

Zopf Lab

Ann Arbor, MI

Research Lab Assistant

October 2019 - March 2020

- Developed models for 3D printing of skulls and tumors by utilizing MRI scans and Materialise Mimics image processing software, to finalize the first tool that surgeons in training can use to practice nasal tumor removal
- Researched skull anatomy to make accurate representations of a nasal cavity in unclear sections of MRI scans

Graphic Design and Illustration

Boston, MA

Freelancer

June 2015 - present

- Designed original logos for Sakana Restaurant and Tufts University using Adobe Illustrator for large signage
- Conceptualized illustrations for "Attachment-Based Yoga & Meditation" within 5 months, delivering the finished product 30% ahead of schedule

PROJECT EXPERIENCE

EECS 485 Web Systems - Instagram

Ann Arbor, MI

Web Development

September 2021 - present

- Programmed a clone of Instagram using SQLite and Flask. Added infinite scroll and DOM manipulation by utilizing Javascript, React, and REST API, creating a polished user experience with less page refreshes

Self Started CS Project - Personal Website

Boston, MA

Web Development

June 2021 - August 2021

- Customized and programmed a portfolio website in HTML/CSS and Javascript, without prior web development knowledge, to articulate more about previous projects and practice self-teaching skills

Self Started CS Project - Team Builder

Boston, MA

Backend Development

May 2021 - June 2021

- Built Python script, utilizing Google Sheets API that incorporated player preferences to create a competitive League of Legends team rosters, saving 2 hours per month of administrative work

LEADERSHIP EXPERIENCE

University of Michigan Esports

Ann Arbor, MI

Head of Events

September 2020 - present

- Foster gaming community in club of over 2,400+ members by organizing large events for 80+ people and getting sponsors from premier companies such as HyperX, MSI, Twitch, and Immortals Gaming
- Build and supervise the Event Planning team of 13 students to create smaller, game-specific events, leading to a 200% increase from 2019 in attendance for community events