

Yuri Chen

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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 five 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 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 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, so that surgeons in training can 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

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 2.4k members by organizing large events for 80+ people and getting sponsors from 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