

Yuri Chen

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EDUCATION

University of Michigan

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

GPA: 3.6/4.0; ACT: 35/36

Relevant Coursework: Software Engineering, User Interface Development, Web Systems, Computer Vision, Typography

Ann Arbor, MI

September 2019 - April 2023

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

Software Engineering Intern

Boston, MA

May 2021 - September 2021

- Managed 5 person intern group by scheduling progress meetings and leading communication with CEO to coordinate tasks for development of a new customer-facing Avrio website
- Reduced time in importing jobs by an estimated 99% through creation of a new Python script that brought over 2 million jobs to Avrio servers using Appcast API, and utilized Github for team version control

Renew CS

Computer Science Mentor

Ann Arbor, MI

September 2021 - present

- Direct weekly tutoring sessions on introductory 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

Research Lab Assistant

Ann Arbor, MI

October 2019 - March 2020

- Engineered models for 3D printing of skulls and tumors by utilizing MRI scans and Materialise Mimics image processing software, to finalize the first tool 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

Freelancer

Boston, MA

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 finished product 30% ahead of schedule

PROJECT EXPERIENCE

Self Started CS Project - Snipits

Web Development

Ann Arbor, MI

November 2021 - present

- Developed a social media app using React and Cloudflare Workers and Pages to create a place for small public posts
- Conceptualized a wireframe and animated scissors with Adobe Photoshop to enhance aesthetic viewing experience

Self Started CS Project - Team Builder Website

Web Development

Ann Arbor, MI

November 2021 - present

- Saved 2 hours per month of administrative work by building a web application using Vue.js, Javascript, and Google Sheets API to generate competitive League of Legends team rosters while incorporating player preferences

EECS 485 Web Systems - Instagram

Full Stack Development

Ann Arbor, MI

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, producing a polished user experience with less page refreshes

LEADERSHIP EXPERIENCE

University of Michigan Esports

Head of Events

Ann Arbor, MI

September 2020 - present

- Collaborating with sponsors from premier companies such as HyperX, MSI, Twitch, and Immortals Gaming to foster gaming community in club of over 2,400+ members by organizing large events for 130+ people
- Build and supervise the Event Planning team of 13 students to establish smaller, game-specific events, leading to a 200% increase from 2019 in attendance for community events