

Darian Chang

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Education

University of Michigan

Ann Arbor, MI

Candidate for Bachelor of Science in Computer Science

May 2022

Relevant Courses: Programming and Introductory Data (EECS 280), Data Structures and Algorithms (EECS 281), Data Oriented Programming (SI 206), Introduction to Computer Organization (EECS 370), Foundations of Computer Science (EECS 376)

Work Experience

Juni Learning

Remote

Computer Science Instructor

August 2020 - Present

- Tutored 6 elementary and middle school students weekly in computer science fundamentals in different programming languages including Python and Scratch.
- Deconstructed complex programming topics for students by using everyday language and examples.
- Monitored student understanding and progress and designed lesson plans accordingly to increase engagement and critical thinking.

Galileo Learning

Milpitas, CA

Team Leader

June 2019 – August 2019

- Led groups of 20 first graders and maintained an environment that was safe and fun for campers.
- Collaborated with peers in the planning of daily activities for over 150 children every week.
- Counseled children displaying unruly behavior on the importance of respect and understanding through positive reinforcement.
- Communicated clearly with parents regarding weekly progress and behavior of their children.

Projects

H&M Web Scraper

August 2020 - Present

- Wrote a program to check for price drops in over 20 items on the H&M website by using Beautiful Soup to scrape data.
- Used Python's smtplib to automatically notify me through email if there were any price drops.

DJ 183

December 2018

- Used Python and Flask to create a website where players could guess the title of random songs played.
- Stored player scores using Firebase and incorporated a real-time leaderboard.

Skills and Interests

Back End: C++, Python, SQL

Front End: HTML / CSS, Figma, Wireframing

Languages: English, Mandarin, Spanish

Interests: Minimalism, Basketball, Badminton, Hiking, Board Games, Video Games

Organizations

Kappa Theta Pi – Professional Technology Fraternity

Ann Arbor, MI

Active Member

September 2019 – Present

- Collaborated with three other members and used Figma to develop a wireframe for an app to find study spaces on campus.
- Attended professional, technical, and behavioral workshops and biweekly chapter meetings with members.

Harvest Mission Community Church

Ann Arbor, MI

Active Member

September 2018 – Present

- Coordinated campus-wide activities to create a welcoming environment for new students.
- Participated in weekly Bible studies and discussions, receiving and giving mentorship.

Do Random Acts of Kindness

Ann Arbor, MI

Team Captain

December 2018 – May 2019

- Brainstormed ideas to spread acts of kindness throughout campus.
- Led weekly groups and organized activities that resulted in stronger interpersonal relationships among members.