

# 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

### Personal Website

November 2020 – Present

- Developed a completely responsive website in HTML/CSS/JS documenting achievements and interests.
- Registered personal domain name and used GitHub Pages to host it.

### 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 BeautifulSoup 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.

## 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.

## Skills

**Coding Languages:** C, C++, Python, HTML/CSS, PHP, SQL