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.

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 and Interests

Back End: C, C++, Python, SQL
Front End: HTML / CSS, Figma, Wireframing
Languages: English, Mandarin, Spanish
Interests: Minimalism, Basketball, Badminton, Hiking, Board Games, Video Games