



JEFF CHANG

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OBJECTIVE

Third year undergraduate student seeking internship position in research to explore applications of cognitive science

SKILLS

- Programming experience in Python, Java, C++, MATLAB, R, HTML, CSS, JavaScript, PHP
 - Familiarity in working with Visual Studio Code, XCode, GitHub
- Knowledge of research in user experience and human-centered design through coursework
 - Collaborated in group UX research project on redesigning Spotify mobile app
- Experience working with convolutional neural networks and deep learning

EXPERIENCE

Research Assistant | UCLA Computational Vision and Learning Lab | August 2021 – Present

- Participating in online experiment design, programming, and data analysis for projects regarding human visual aesthetic experience
- Projects
 - **Visual Aesthetics and Image Chirality**
 - Developing experiment procedures, programming front and back-end design, conducting result analysis for an online study regarding perception of mirrored images
 - Associated Conferences/Presentations:
 - **Vision Sciences Society 2022** – Virtual poster presentation
 - **UCLA Undergraduate Research Week 2022** – Panel presentation
 - **Perceptual Influences on Size Perception**
 - Running subjects through in-person study; presenting instructions, guiding subjects through experimental procedures, debriefing subjects in controlled laboratory setting
 - **Scene Prototype Preferences**
 - Compiling, preprocessing image database and programming analysis using the Alexnet convolutional neural network model to quantify scene typicality
 - **Aesthetics of Emotional Walkers**
 - Preparing point-light walker stimuli for dynamic time warping analysis

Recording Artist | Recollections Music | 2018 – Present

- Written and released five singles to major streaming platforms
- 12 guitar cover videos uploaded to YouTube

Storefront Associate | Meet Fresh Fremont | July 2021 – September 2021

- Preparing orders and maintaining quality customer service in fast-paced work environment
- Handling cashier/POS work, basic kitchen tasks, and store maintenance

Bocce Instructor/Busser | Campo di Bocce of Fremont | July 2018 – August 2018

- Managing bocce courts, explaining bocce game rules to patrons
- Part-time busser: cleaning and setup for dining areas

Student Volunteer | California Walks | November 2018 – March 2019

- Assisting California Walks in raising community awareness regarding pedestrian safety
 - Office work, conducting pedestrian counts at Orchard Elementary School in San Jose
 - Report writing summarizing pedestrian count findings, safety hazards, city policy suggestions

EDUCATION

University of California – Los Angeles | 2019 - Present

- Cognitive Science Major with Specialization in Computing
- 3.99 GPA
- Coursework
 - Python with Applications I
 - Introduction to Programming (C++)
 - MATLAB Programming for Behavioral Sciences
 - Principles of Java Language with Applications
 - Psychological Statistics (R)
 - Fundamentals of User Experience

Irvington High School | 2015 - 2019

- 3.93 Unweighted GPA
- Cross Country (4 seasons), Track & Field (4 seasons)