Jeff Chang

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# Objective

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

# Education

**University of California – Los Angeles | 2019 - Present**

* Cognitive Science Major with Specialization in Computing
* 3.99 GPA

**Irvington High School | 2015 - 2019**

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

# 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

* Collaborating 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