

VICTOR CORNEJO

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EDUCATION

University of California, Berkeley

Class of '23

B.A. in Cognitive Science

Minor in Data Science

Cumulative GPA: 3.4

EXPERIENCE

XR Lab @ UC Berkeley

June 2023 - Present

Perception Engineer Assistant

Berkeley, CA

- Assist in the experimental design of VR/AR environments for better memory and attention through spatial computing.
- Provide the engineering team with a theoretical framework of human perception and its applications within human-computer interactions.

Whitney Lab for Perception and Action

April 2022 - Present

Research Assistant

Berkeley, CA

- Assist in the experimental design and implementation of research investigating the sequential effects of emotion in visual perception.
- Conduct data collection procedures on participants and apply statistical methodologies to analyze and interpret data using Python and PsychoPy.
- Prepare comprehensive research reports and data visualizations summarizing findings and present them to the team for review and collaboration.
- Perform thorough literature reviews to establish a strong theoretical framework for research methodologies through existing theories.

Freelance

May 2021 – Present

UI/UX Designer

Remote

- Successfully delivered custom website design solutions for diverse clients, ranging from small businesses to university laboratories.
- Collaborated closely with clients to understand their unique brand needs and objectives, translating them into visually appealing and user-friendly websites.
- Conducted thorough quality assurance (QA) testing to identify and address any functionality or design issues, ensuring high levels of performance and user satisfaction.

Apple - Contractor

February 2020 – December 2020

Data Annotator

Cupertino, CA

- Conducted quality assurance (QA) testing reports and graded the accuracy of the virtual assistant on a Siri project.
- Tested software recognition in ROIs and Image to Text models.

Apple - Contractor

March 2019 – July 2019

Linguist Specialist

San Jose, CA

- Worked on a Siri Project to grade the accuracy of the virtual assistant in understanding user utterances.

- I provided expertise in the lexicon from diverse regions across Latin America to contribute valuable insights on the project.

SKILLS

Computer Languages	HTML, C++, JavaScript, Python
Databases	Python, SQL, Scheme, R-Studio
Python Libraries	NumPy, Matplotlib, Pandas, Seaborn, SciPy, Xarray
Creative	Figma, Adobe Creative Suite, Blender, Unity
Tools	Microsoft Office, WordPress, Google Analytics, PsychoPy
Spoken Languages	Spanish, English, French

RESEARCH INTERESTS

- Emotion and Cognition
- Individual Differences and Biases in Visual Perception
- Effects of Language in Visual Perception
- Spatial Computing and Applications
- Human-Computer Interaction
- Ethics and Technology