

Ruben Alfredo Sanchez

Linguistics & Neuroscience Researcher

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“Passion, Innovation, Results”

Research

Research interests involve integrating phonetic perception methodologies with brain imaging technologies such as fMRI and MEG in order to investigate neuronal circuitry in multilinguals.

Education

B.A. Linguistics	University of California, Santa Cruz
B.S. Cognitive Science	University of California, Santa Cruz
A.S. Physics	San Diego Mesa College
A.S. Mathematics	San Diego Mesa College

Academic Research

Annotator

University of California, Santa Cruz Natural Language & Dialogue Systems Lab
2016 to present
Annotating social media content for computational modeling via language entrainment and narrative summarizations.

Research Assistant

University of California, Santa Cruz Cognitive Science Department
2013 to 2014
Coded acoustic data with Praat and video data with After Effects for a phonological study.

Research Assistant

University of California, Davis Center for Mind & Brain
Internship Summer 2012
For a hippocampus study administered Stanford Binet Intelligence Tests, recruited families, coded data, and assisted with fMRI preparations.

Researcher

University of California, Santa Cruz Linguistics Department
Independent Study Spring 2012
Developed, implemented, and completed a controlled phonological study. Designed and prepared stimuli, scheduled and ran participants, as well as analyzed and reported data.

Comfortably and cheerfully conducting:

Experimental Design
Data Visualization
Procedural Training

Visit my website to learn more.



Study Design

E Prime
ELAN
Praat
LaTeX

Programming

Python
R
Linux CLI

Literature Search

Colwiz
Mendeley
Qiqqa
Zotero

Proficiency

English
French
Italian
Japanese
Spanish

Web Design

HTML5
CSS3
JavaScript

Animation

After Effects
Blender
Flash
Illustrator

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Honors

Dean's Scholarship, UCSC

2014

Teaching Experience

Tutor / Mentor

Foothill College

2011

Pass The Torch Program Los Altos Hills, CA

Tutored and developed long term collaborations with students while coaching them on productive study habits and critical writing techniques.

Tutor

Foothill College

2011

Outreach Program Los Altos Hills, CA

When the English department closed the writing lab due to budget cuts, I collaborated with the English as a Second Language Club in order to provide free tutoring services to ESL students. I functioned as the first tutor and helped implement the ESL Club writing assistance outreach program.

Tutor

Independent

2010 to 2011

Los Altos Hills, CA

Provided tutoring services to students and adults on academic subjects such as English, French, Algebra, and Calculus.

Professional Experience

Technical Assistant

Pfizer

Jan 2008 to Jun 2009

Global Research & Development La Jolla, CA

Performed health observations on a variety of species within the Comparative Medicine Department. Managed and updated the department website.

Animal Technician

The Scripps Research Institute

Feb 2007 to Aug 2007

Immunology La Jolla, CA

Examined and monitored health concerns. Learned malocclusion treatments, orbital bleeds, peritoneal injections, intra-cardiac punctures, and tumor measurements.