

# RUBEN A. SANCHEZ

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🏠 rubenasanchez.com

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## EDUCATION

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2015	B.A. Linguistics	University of California, Santa Cruz
2015	B.S. Cognitive Science	University of California, Santa Cruz

## PUBLICATION

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2019      Zyzik, E.C., & **Sanchez, R.A.** (2019). Beyond accuracy: Heritage speakers' performance on two kinds of acceptability judgment tasks. *Applied Psycholinguistics*, 40(3), 645-671. <http://doi.org/10.1017/S0142716418000760>

## AWARDS

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2021      Macquarie Group Scholarship

## RESEARCH EXPERIENCE

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2017 to 2018      Data Analyst - Bilingualism Research Lab      University of California, Santa Cruz  
Responsible for conducting data pre-processing, coding, quality control, exploratory analysis, inferential analysis, data visualizations, and completing written reports.

2016      Annotator - Natural Language & Dialogue Systems      University of California, Santa Cruz  
Annotated social media content for computational modeling via language entrainment and narrative summarizations.

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

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

## TEACHING EXPERIENCE

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2020      Academic Success Mentor  
Served as advisor for student at risk of losing residency due to failed coursework.

- Guided student through studying best practices.
- Developed a strategy plan for completing assignments.
- Advised on stress coping mechanisms and directed to resources.
- Student successfully completed the quarter and graduated.

2018 to 2019      Private Tutor  
Tutored college students in mathematics.

2018 to 2019      Volunteer Tutor  
Tutored international students in English composition.

## SUMMARY OF QUALIFICATIONS

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Expertise	Cognitive research, neurolinguistics, phonetic psycholinguistics, data visualization, web development, illustration, and 2D animation.
Research Interests	Interested in investigating the neural circuitry responsible for the assignment of semantic coding onto phonetic units perceived as linguistically relevant. Also interested in multimodal communicative strategies for human computer interaction.
Programming	Python, R, SQL, HTML, CSS, JavaScript, GIT, CLI, bash, $\text{\LaTeX}$ , markdown
Research	E-Prime, SuperLab, Praat, Audacity, ELAN, SPSS, Mendeley, Zotero
Design	Photoshop, Illustrator, After Effects, Figma, Invision, Blender
Leadership	Project Management, Team Building, Issue Resolution
Languages	English, Italian, Spanish, learning Japanese

## CURRENT PROJECTS

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2021	<p>Web Based Interactive 3D Brain Model</p> <p>Teaching myself advanced 3D modeling methods for developing an interactive model of the human brain which displays areas currently known to be pertinent to the perception and production of sounds relevant to language.</p> <ul style="list-style-type: none"><li>- Completed design of graphical user interface.</li><li>- Completed engineering of information architecture.</li><li>- Completed development of shell infrastructure.</li><li>- Conducting formal literature review for content incorporation.</li></ul>
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