

## 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
2015	UCSC Scholarship
2012 to 2014	Undergraduate Dean's Award

### 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.

## LEADERSHIP & SERVICE

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2018 to 2019	Volunteer - Personal tutor for international students in English composition.
2013 to 2014	Community Liaison Officer - Undergraduate Research Science Association
2012	Founder & President - Spanish Languages & Spanish Cultures Club
2011	Co-founder - Volunteer based community outreach writing tutoring service.

## 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, L <sup>A</sup> T <sub>E</sub> X, 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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