RUBEN A. SANCHEZ

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EDUCATION

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

PUBLICATION

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

2021	Macquarie Group Scholarship
2015	UCSC Scholarship
2012 to 2014	Undergraduate Dean's Award

RESEARCH EXPERIENCE

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

2020   Academic Success Mentor
Served as advisor for student at risk of loosing 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.

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LEADERSHIP & SERVICE

2018 to 2019	Volunteer - English composition tutor for international students.
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

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, 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

2021	Web Based Interactive 3D Brain Model

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.

- Completed design of graphical user interface.
- Completed engineering of information architecture.
- Completed development of shell infrastructure.
- Conducting formal literature review for content incorporation.

October 2021