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

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.

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

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

SERVICE

2014   Community Liaison - Undergraduate Research Science Association

SUMMARY OF QUALIFICATIONS

Expertise   Cognitive research, neurolinguistics, phonetic psycholinguistics, data visualization,
                   web development, illustration, and 2D animation.

Research   Interested in investigating the neural circuitry responsible for the assignment of semantic
Interests   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.