

Angelica Pan

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PROJECTS

PCIBex (an open source online experiment builder) *July 2020 - present*
Volunteer Technical Writer

- Designed and developed a new Jekyll and GitHub Pages website to replace original WordPress website (in progress).
- Standardized element and command reference pages. Created and documented documentation templates for future contributors.
- Incorporated user feedback in restructuring user documentation into a task-oriented manual and a project-based tutorial.
- Wrote a variety of documentation, including tutorials, user guides, reference guides, and sample code.
- Found bugs and submitted bug reports when testing beta versions of PCIBex.

EXPERIENCE

UCLA Language Processing Lab Los Angeles, CA
Lab Manager *Sept. 2019 - June 2020*

- Started internal wiki on Google Sites as a reference for future lab members. Contributed 23 articles related to data analysis.
- Refactored inefficient R scripts for eye tracking analysis, reducing code length by up to 60%.
- Developed psycholinguistic experiments for lab director. Wrote R scripts to transform and analyze logged data.

UCLA Department of Linguistics Los Angeles, CA
Computational Linguistics Research Assistant *Sept. 2019 - June 2020*

- Theoretical computational linguistics background in minimalist grammars, weighted (multiple) context-free grammars, expectation matrices, information-theoretical complexity metrics, and functional programming.
- Documented and analyzed mathematical errors in Cornell Conditional Probability Calculator (CCPC).

UCLA Department of Linguistics Los Angeles, CA
Teaching Assistant (Linguistics 20: Introduction to Linguistic Analysis) *Sept. 2019 - Dec. 2019*

- Improved clarity of discussion section handouts by creating linguistic diagrams in LaTeX to complement written content.
- Identified common sticking points for students and prioritized coverage of such topics when designing lesson plans.
- Restructured discussion section to better serve student needs by asking for and incorporating student feedback.

EDUCATION

University of California, Los Angeles (UCLA) Los Angeles, CA
M.A. in Linguistics. *Sept. 2018 - June 2019*
B.A. in Linguistics with Specialization in Computing, B.A. in German. *Sept. 2014 - June 2019*

EXTRACURRICULARS AND AWARDS

UCLA Departmental Scholar in Linguistics *Sept. 2018 - June 2019*

- Admitted as one of 3 students for a dual bachelor's and master's degrees program for high-achieving undergraduates.

UCLA Yukai Daiko (traditional Japanese drumming student organization) *Sept. 2016 - June 2019*
External Coordinator / Director

- Conceptualized, organized, and led the first "Intercollegiate Taiko Social", attended by over 130 taiko players from 7 universities.
- Simplified old musical notation and created supplementary documentation. Instructed over 150 hrs of practices as artistic director.

UCLA Dashew Center for International Students and Scholars *Sept. 2017 - June 2018*
Global Siblings Program Coordinator

- Co-led 13 international-domestic student pairs on excursions around LA. Received an award for highest participant satisfaction.
- Collaborated with other coordinators to plan activities for the 200 members of the Global Siblings international exchange program.

SKILLS

Languages: English (native), Mandarin Chinese (intermediate), German (intermediate)

Technical: Microsoft Office, G Suite, Adobe Photoshop and Illustrator, R, OCaml, Markdown, LaTeX, Jekyll, HTML, CSS