

# Angelica Pan

San Leandro, CA 94579 • angelica.s.pan@gmail.com  
angelica-pan.com

## PROJECTS

---

**PCIBex** (an open source online experiment builder)  
*Volunteer Technical Writer*

July 2020 - present

- 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.

## EXPERIENCE

---

**UCLA Language Processing Lab**  
*Lab Manager*

Los Angeles, CA

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**  
*Computational Linguistics Research Assistant*

Los Angeles, CA

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**  
*Teaching Assistant (Linguistics 20: Introduction to Linguistic Analysis)*

Los Angeles, CA

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)**  
M.A. in Linguistics.  
B.A. in Linguistics with Specialization in Computing, B.A. in German.

Los Angeles, CA

Sept. 2018 - June 2019

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)  
*External Coordinator / Director*

Sept. 2016 - June 2019

- 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**  
*Global Siblings Program Coordinator*

Sept. 2017 - June 2018

- 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