

# Daniel Wymark

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## Education

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### Academic Qualifications.....

**BA in Linguistics. Mathematics Minor. Specialization in Computing.** 2015–August 2017  
*University of California Los Angeles (UCLA)* Los Angeles, CA

Departmental Honors.  
Major GPA 4.00 / Overall GPA 3.75

**AAs in Linguistics, Natural Sciences, Social Sciences, and Humanities.** 2011–2015  
*Pasadena City College* Pasadena, CA

Linguistics Major. Administration Honors.  
Major GPA 4.00 / Overall GPA 3.96

### Awards and Scholarships.....

**Undergraduate Research Fellowship Program** 2016-2017  
*University of California Los Angeles*

Two quarters of financial support for original research.

**Linguistics Honors Scholarship for Extraordinary Achievement** 2014  
*Pasadena City College*

Award for performance in coursework.

### Talks and Presentations.....

**Towards a Boolean Intensional Semantics** May 25, 2017  
*UCLA Undergraduate Research Week* Los Angeles, CA

Oral Presentation

**A Boolean Approach to Evaluative Adjectives and Intensionality** Feb. 18, 2017  
*2017 AAAS Annual Meeting* Boston, MA

Student Poster Competition

**Proposal For New IPA Diacritics** Oct. 17, 2016  
*UCLA Phonetics Seminar, P. Keating, D. Wymark, and R. Sharif.* Los Angeles, CA

Department Talk

### Research Experience.....

- **Research Assistant (In Progress)** for UCLA Linguistics PhD Student Adam Royer
  - Assisting in experimental design for an artificial grammar learning task.
  - Playing a prominent role in programming a Python application to be used in the experiment.
  - Providing ToBI labeling.
- **Honors Thesis:** '*Towards a Boolean Intensional Semantics*' (Advisor: Tim Hunter)
  - Developing a framework for intensional semantics, Boolean Intensional Semantics (BIS).
  - BIS is a typeless, purely intensional semantics that uses an atomless boolean lattice as a “universal domain” for natural language expressions.
- **Phonetics Proposal:** '*Proposal For New IPA Diacritics*' (with President of IPA Pat Keating and Ryan Sharif)
  - Proposing the addition of diacritics for prenasalization, preglottalization, and preaspiration, widely attested phenomena that are of great interest to phoneticians.
  - Proposal to be submitted for consideration by the International Phonetic Association (IPA), maintainers of the International Phonetic Alphabet (IPA).

Selected Coursework.....	
<b>Linear and Nonlinear Systems of Differential Equations</b> <i>Math 134, Upper Division Course</i>	<b>Summer 2017</b> UCLA
<b>Semantic Theory II</b> <i>Ling 201C, Graduate Course</i>	<b>Spring 2017</b> UCLA
<b>Language and Culture of Ryukyu/Okinawa</b> <i>Japn 191B, Upper Division Course</i>	<b>Spring 2017</b> UCLA
<b>Probability Theory</b> <i>Math 170A, Upper Division Course</i>	<b>Winter 2017</b> UCLA
<b>Syntax II</b> <i>Ling 165B, Upper Division Course</i>	<b>Winter 2017</b> UCLA
<b>Mathematical Logic</b> <i>Math 220A, Graduate Course</i>	<b>Fall 2016</b> UCLA
<b>Computational Linguistics</b> <i>Ling 209A, Graduate Course</i>	<b>Fall 2016</b> UCLA
<b>Mathematical Structures in Language II</b> <i>Ling 218, Graduate Course</i>	<b>Winter 2016</b> UCLA
<b>Introduction to Algorithms and Complexity</b> <i>Com Sci 180, Upper Division Course</i>	<b>Winter 2016</b> UCLA

## Work Experience

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Employment.....	
<b>Tutor, Math and Linguistics</b> <i>Math Resource Center, Learning Assistance Center</i>	<b>2014–2015</b> <i>Pasadena City College</i>
Provided support and guidance to classes of 20+ students as well as one-on-one tutoring. Led study groups of 10-30 students. Helped to create an open and welcoming learning environment.	
<b>Elementary School Tutor</b> <i>Self Employed</i>	<b>2013–2015</b> <i>Los Angeles, CA</i>
Tutored 3rd – 4th grade Japanese and mathematics. Provided mentorship and guidance.	

Volunteer Work.....	
<b>Research Ambassador</b> <i>Undergraduate Research Center</i>	<b>May 2017</b> UCLA
Directed and assisted students, guests and faculty attending UCLA's 2017 Undergraduate Research Week.	
<b>“Natsumi No Sato” (Inn / Farm) General Volunteer</b> <i>World Wide Opportunities on Organic Farms (WWOOF) Japan</i>	<b>Summer 2012</b> <i>Hokkaido, Japan</i>
Performed various household and outdoor tasks. All communications were exclusively in Japanese.	

Languages and Skills.....	
○ <b>Programming Languages:</b> Proficiency in Python, Java, LaTeX, and Haskell. Basic familiarity with C/C++ and Linux/Unix shell.	
○ <b>Natural Languages:</b> English (native). Japanese (fluent conversation; proficient reading and writing).	
○ <b>Linguistics:</b> ToBI (Intonation) Transcription, Phonetic Transcription, Praat	