

ARNOLD SEONG

former poet, current **Statistics PhD student**

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📍 Irvine, CA

🌐 arnie.rbind.io

in arnieseong

🔗 akseong

SELECT EXPERIENCE

Graduate Student Researcher

University of California Irvine

📅 Sept 2019 – Ongoing

📍 Irvine, CA

- Develop methods for local inference in functional regression via Bayesian model selection, with application to ECoG (brain imaging) data and identification of neural correlates.
- Research on clustering functional responses using Bayesian non-parametric methods.
- Write custom MCMC and stochastic search algorithms.
- Maintain code base, reports, and academic articles on Github.
- Data Science Initiative instructor for workshops on R and ggplot2.
- Peer reviewer for *Econometrics & Statistics*

Statistical Consultant

EXACTA Media

📅 Oct 2019 – Jan 2020

📍 Irvine, CA

- Assessed omni-channel marketing strategy for national medical franchise and estimated effect of strategy shift.
- Identified redundant or ineffective marketing efforts, potentially worth >\$60k/month (15% of monthly ad buys) in savings.
- Wrote report of results and recommendations for company executives; model predictions validated in following months.

Lecturer (English Department)

University of California, Irvine

📅 Jan 2012 – June 2017

📍 Irvine, CA

- Taught various freshman writing seminars & workshops.

Writer-in-Residence

Oregon Literary Arts

📅 Sept 2010 – June 2011

📍 Portland, OR

- Held poetry workshops in 85% reduced lunch middle school.

PROJECTS

[datagoboop: an R package for data sonification](#)

Led small team in development of modular audio plotting functions

[Machine learning: facial expression classifier](#)

Built a compact Convolutional Neural Network that matches pictures of faces to eight different emotions with 80.1% test accuracy. Used Python, TensorFlow, & Keras.

EDUCATION

Ph.D. in Statistics

University of California, Irvine

📅 9/2019 – ongoing

📍 Irvine, CA

M.S. in Statistics

University of California, Irvine

📅 9/2017 – 6/2019

📍 Irvine, CA

M.F.A. in Creative Writing: Poetry

University of Washington

📅 9/2005 – 6/2007

📍 Seattle, WA

Thesis: *The Anatomy of Speech*

B.A. in English

Cornell University

📅 9/2000 – 6/2004

📍 Ithaca, NY

Tanner Dean's Scholar

AWARDS



Instructor Recognition Award

UCI English Dept. teaching award



Shortlist, Montreal Poetry Prize

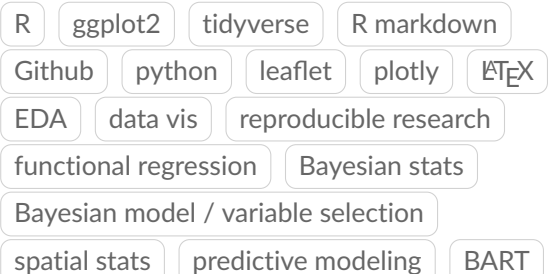
International poetry competition



Best New Poets 2009

Annual anthology of emerging poets

SKILLS



COURSES

