

# JOSE TOLEDO LUNA

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CONTACT INFORMATION	E-mail: toledo jose60@gmail.com Website: <a href="https://toledo60.netlify.app/">https://toledo60.netlify.app/</a>	
EDUCATION	UNIVERSITY OF CALIFORNIA, LOS ANGELES Ph.D. in Statistics	September 2021-Present
	CALIFORNIA STATE UNIVERSITY, FULLERTON Masters of Science, Statistics	May 2021
	CALIFORNIA STATE UNIVERSITY, FULLERTON Bachelor of Arts, Mathematics: Probability and Statistics	May 2019
	SANTA ANA COMMUNITY COLLEGE Associate in Science: Mathematics	December 2016
TEACHING EXPERIENCE	CALIFORNIA STATE UNIVERSITY, FULLERTON (CSUF) Teaching Associate Math 115: College Algebra (Fall 2019) Math 120: Elementary Statistics (Spring 2020, Fall 2020) Math 338: Statistics Applied to Natural Sciences (Spring 2021)	Fall 2019 – Spring 2021
PUBLICATIONS	Luna, J., Jaynes, J., Xu, H., Wong, W. K. (2022). Orthogonal Array Composite Designs for Drug Combination Experiments with Applications to Tuberculosis. <i>(submitted: Statistics in Medicine)</i>	
AWARDS/ FELLOWSHIPS	Eugene V. Cota-Robles Fellowship (2021-2025)	
RESEARCH EXPERIENCE	PROJECT RAISE: GRADUATE RESEARCH MENTOR Assist first-generation students across different community colleges with the following summer research projects	
	GOLDEN WEST COLLEGE Project: Accounting for Type II Error in the Judgment of Significance of Effects in a Two-Level Factorial Design	Summer 2019
	LOS ANGELES COMMUNITY COLLEGE Project: Using Bayesian Analysis to Predict the Final Outcome for the 2019 FIFA Women's World Cup	Summer 2020
	ORANGE COAST COMMUNITY COLLEGE Project: Development of an R package for creating modern graphs using ggplot2 for Design of Experiments	Summer 2021
	CALIFORNIA STATE UNIVERSITY, FULLERTON, CA UNDERGRADUATE RESEARCH Program: Graduate Readiness and Access in Mathematics (GRAM) Project: Drug Combinations for KB Oral Cancer Advisor: Dr. Jessica Jaynes Presented: <ul style="list-style-type: none"><li>• Section Mathematical Association of America (MAA 2018, MAA 2019)</li></ul>	August 2017 – May 2019

- Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS 2018, SACNAS 2019)

OREGON STATE UNIVERSITY, OR Summer 2018  
UNDERGRADUATE RESEARCH

Program: Research for Undergraduates Summer Institute of Statistics

Project: Comparison of Bayesian and Frequentist Estimators

Advisor: Dr. Javier Rojo

## WORK EXPERIENCE

SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT November 2020 - September 2021

Statistical Programmer

Develop statistical software for applications in storm water best management practices, and emerging contaminants. This included creating R shiny web applications, R packages and/or Python libraries for clients.

CALIFORNIA STATE UNIVERSITY, FULLERTON Summer 2017  
INSTRUCTIONAL ASSISTANT January 2018 - June 2018

Assisting professor during the lecture lab component of an Introductory Statistics course.

Helping students out with their lab assignments and get them familiarized with the software such as R.

SANTA ANA COMMUNITY COLLEGE September 2015 - December 2016  
MATH TUTOR

Assisting students with their math classwork from courses ranging from pre-algebra to linear Algebra, including introductory statistics courses.

DIMARCO, ARAUJO, & MONTEVIDEO LAW FIRM November 2014 - October 2015  
FILE CLERK

Carry out inspections on incoming material to verify validity of content. Maintain files precisely and professionally, Assemble material that needs to be filed. General office duties.

## TECHNICAL SKILLS

R Python Git/Github Linux L<sup>A</sup>T<sub>E</sub>X