

Nehemias Ulloa

CONTACT INFORMATION	2329 Bristol Dr. Apt 201 Ames, Iowa USA 50010	Phone: 661.428.5419 E-mail: nulloa1@iastate.edu Webpage: nulloa.github.io
POSITION	Data Scientists/Analyst	
EDUCATION	PhD in Statistics	Expected: June 2019
	Iowa State University Thesis: Bayesian Hierarchical Modeling and Analysis for Disease Outbreaks Advisor: Dr. Jarad Niemi	
	MS in Statistics	May 2017
	Iowa State University Creative Component: Application of Polynomial Regression to Dyadic Data Advisor: Dr. Fred Lorenz	
WORK EXPERIENCE	BS in Mathematics	May 2013
	California State University, Bakersfield	
	After, Inc.	May 2018 - Dec 2018
	Norwalk, Connecticut R Shiny Developer Intern <ul style="list-style-type: none">• Worked with statisticians within the company to develop client reports with R Shiny• Helped create and improve reporting templates to standardize reports across clients• Researched new Shiny features which lead to new Shiny apps and documents for others to use	
	Iowa State University	Aug 2013 - May 2018
	Ames, IA Teaching Assistant <ul style="list-style-type: none">• Ran and assisted with labs in both undergraduate and graduate courses• Held office hours to help students with a one-on-one emphasis• Graded homework and lab assignments• Courses: STAT 101 (Principles of Statistics), STAT 330 (Probability and Statistics for Computer Science), STAT 401 (Statistical Methods for Research Workers), STAT 544 (Graduate-level Bayesian Statistics) Instructor <ul style="list-style-type: none">• Lectured a section of introductory statistics one semester (class size ~ 100) and taught online one semester• Courses: STAT 101 and STAT 305 (Engineering Statistics)	
	California State University, Bakersfield	Jan 2011 - July 2013
	Bakersfield, CA Math Department Tutoring Center <ul style="list-style-type: none">• Tutored students from algebra through the calculus series Instructor <ul style="list-style-type: none">• Ran hybrid course using an interactive online learning environment to help develop basic math skills• Courses: MATH 75 (Developmental Mathematics I) & MATH 85 (Developmental Mathematics II)	
RESEARCH EXPERIENCE	CREST(NSF)	June 2012 - June 2013
	California State University, Bakersfield <ul style="list-style-type: none">• Investigated methods of fitting a penalized broken cubic spline and compared using AIC, AICcorr, BIC, CV, and GCV criterias to the RSE	
	Interdisciplinary Program in High Performance Computing,	Summer 2012
	University of Maryland, Baltimore County <ul style="list-style-type: none">• Completed Math 447: Introduction to Parallel Computing where I learned parallel computing using C with MPI, R with Snow, and Matlab	

- Collaborated with the Department of Natural Resources of Maryland to identify trouble areas of the Chesapeake Bay using different statistical methods and ranking systems.

AWARDS

Alliance for Graduate Education and the Professoriate Fellowship Aug 2013 - June 2018
Iowa State University

- Joint-fellowship between Iowa Universities dedicated to increasing the number of underrepresented minorities obtaining graduate degrees in STEM.

ACTIVITIES

STAT-ers: Statistics graduate student organization

Aug 2013 - Present

Iowa State University

- Vice President
- President

2015 - 2016

2016 - 2017

StatCom: Statistics in the Community

Aug 2015 - Present

Iowa State University

- Ran statistics station at Meeker Elementary's Science Night
- Helped a non-profit with data clean-up and summary statistics

COMPUTER SKILLS

Programming: R, SAS, C++, SPSS, MPLUS, Git, L^AT_EX

Statistical Computing: Stan, JAGS, Shiny, JMP

PROFESSIONAL MEMBERSHIPS

American Statistical Association

LANGUAGES

English, Spanish