

# Sacha Uritis

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## EDUCATION

**M.S. Statistics** – University of California, Irvine, 09/2017 - 03/2019

**B.S. Mathematics, Statistics Minor** – University of California, Irvine, 2009 - 2013

## RELEVANT COURSEWORK

Machine Learning, Theory of Probability and Statistics, Analysis of Longitudinal Data, Statistical Methods for Data Analysis, Bayesian Methods, Foundations of Linear and Generalized Linear Models, Survey Sampling & Methods

## RELEVANT SKILLS

R/RStudio, Python, Javascript (Node + VueJS), Serverless, AWS, Bulma, HTML/CSS, Teaching, Curriculum Building, Training, Business Development

## CERTIFICATES

[Data Science Certificate Program](#): *Workshops on RMarkdown, Tidyverse, Shiny, Julia, Python & Neural Networks...*  
Sept 2017 - March 2019 (expected)

[NISS Certificate of Completion](#): *"R and Spark: Tools for Data Science Workflows"*  
UCR Sept 30<sup>th</sup>-Oct 1<sup>st</sup>, 2017

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## PROFESSIONAL EXPERIENCE

### Developer (Intern)

*Stormcloud, 07/2018 – present*

- Train in NodeJS, AWS, Serverless, and VueJS
- Involved in building backend architecture for three ongoing projects

### Statistics Department – Teaching Assistant + Reader

*University of California, Irvine, 01/2018 – present*

- Design and conduct active-learning based discussions weekly
- Hold weekly office hours and other daily means of support for students
- Create exam questions, grade homework and exams, update website info, and other admin. tasks

### Program Director & SAT/ACT/Math 2 Instructor

*Laura Demko Tutoring LLC, Newport Beach, 05/2015 – present*

- Manage and tutor individualized test prep specializing in SAT/ACT/Math 2 for approx. 30-40 students at a time.
- Hiring and on-boarding, designing tutoring training program
- Created an additional \$198K in 2016 revenue
- Average ACT point improvement: 4; Average SAT point improvement: 250; Average Math 2-point improvement: 150

## Center Director

*Mathnasium Corporation, Cypress & Lake Forest, 12/2013 – 05/2015*

- Managed and trained a team of 6-10 instructors.
- Doubled student enrollment and average revenue within first 5 months.
- Increased total annual revenue by 50% from 2013 earnings.
- Top three for lead conversion out of 20 directors.

## Education Consultant and Freelance Tutor

*Prime Academy, LLC, Irvine, 06/2017-09/2017*

- Taught Summer prep courses on SAT/ACT/Math 2/Multivariable Calculus

*Prep by Prep Academy LLC, Anaheim, 03/2014 – 02/2016*

- Wrote & maintained SAT Math Curriculum and materials
- Trained instructors and advised in developing programs

*FLEX College Prep LLC, Irvine, 07/2013 – 09/2018*

- Personal and small group instruction for over 40 students in SAT, ACT, Math, and Statistics.

*College Blueprint LLC – Irvine, 12/2012 – 05/2015*

- Seasonally involved in partnership with LBUSD as site coordinator for SAT prep.
- Provided instruction to over 200 LBUSD students.

*Irvine Valley College, Irvine, 08/2011 – 08/2013*

- Provided academic support to community college students, especially veterans, EOPS, and DSP&S students.
- Attended workshops to expand understanding & instruction skills for students with special needs.

*Orange County businesses and families, since 09/2009*

- Specializing in K-8<sup>th</sup> math, algebra, geometry, trigonometry, pre-calculus, calculus, statistics, linear algebra, GRE, SAT, ACT, SAT Math Subject Tests

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## COMMUNITY INVOLVEMENT

### Co-Founder & Presenter

*APIs and IPAs Meetup Group, Orange County, 08/2015 – present*

- Designed to assist and support your neighbor coder while bonding over delicious brewskies
- Host monthly meetups (attendance range 20-30 coders) at local OC breweries, accompanied with tech speaker(s)
- Created and presented talks: “Machine Learning in Production” and “Simpson’s Paradox and Why We Should Care”

### Outreach Team Lead

*Association for Women in Science (AWIS), UCI, 10/2018 – present*

- Our Mission is to inspire more women toward STEM education and careers
- Create and lead workshops for lower socioeconomic youth in Orange County (examples of ideas: SAT/ACT Hacks, Financial Lessons You Don’t Learn in School, How to Build a Killer Resume, Diet is not a Fad, It’s a Lifestyle, Why Tech is the New Black...)