SYRIS NORELLI

1144 Tripoli St., Apt 4, Riverside, CA

(+1 479) 200 1120 ⋄ snore001@ucr.edu ⋄ Github: OrderFromChaos

EDUCATION

University of California Riverside *September 2016 - Present*
Undergraduate: Junior Overall GPA: 3.54/4
Dept. of Physics: Applied Physics Major Major GPA: 3.45/4
Dept. of Computer Science: Computer Science Minor Minor GPA: *TBD*

TECHNICAL STRENGTHS

Computer Languages	Python, Haskell, C++, MATLAB, SQL
Software & Tools	Tensorflow, LaTeX, gglot2 (R), Mathematica, Linux/zsh/bash

RESEARCH PRIORS

UC Riverside: Tanedo Lab June 2017 - August 2018
Undergraduate Research (Physics)

· Employed Tensorflow, hyperopt, and pymc to guess unknown masses of fundamental particles.
· Collaborated with grad student at UC Irvine to implement a Generative Moment Matching Network, which uses maximum mean discrepancy to maintain train data distribution.
· Used Slack and Bitbucket to keep up with remote collaborators.
· Granted $5750 from the UC Riverside Chancellor's Research Fellowship (13 selected from 70 applicants)

UC Riverside: Sales Lab January 2016 - April 2017
Undergraduate Research (Physics)

· Designed a real-time, 3D, interactive tool for looking at N-body motion (w/ second order integration)
· Frameworks: Processing, Numpy, Matplotlib

LEADERSHIP

Society of Physics Students September 2018 - Present
President *UC Riverside*

· Recruited 15 new active members from the department within three months of club activity
· Interviewed 23 professors to build the database at *bit.ly/SPSDrive* (under "Research Database")
· Restructured mentorship program material and mentored two underclassmen interested in altruism
· Spearheaded a 5-person team to successfully transition to increased professional offerings

Beyond Conference March 2018 - May 2018
Co-organizer *UC Riverside*

· Coordinated part-time team of 10 to set up a student conference in 2 months with 40 in attendance
· Ran majority of all-hands meetings and served as Trello master
· Responsible for running the STEM branch of our marketing
· Event site: *beyonducr.com*

Undergraduate Research Journal April 2017 - Present
Copy Editor *UC Riverside*

· Coordinated in teams of two to referee student papers for university-wide publication

EXTRA-CIRRUCULAR

Facilitated a series of informal classes (in sum, 27 students) to introduce UCR physics majors to Python and computational physics

Won a Science award at the San Francisco Science Hack Day 2017

Volunteered IT Support at Glide Community Health Services in San Francisco (80 hours, 2016)

Participated in ACM's UCR chapter ICPC prep bootcamp (May 2018)