

Elinor L. Velasquez

Data Scientist

Location: Walnut Creek, CA

LinkedIn: www.linkedin.com/in/elinor-l-velasquez

Telephone: 925-532-7670

Papers: <https://elinorvelasquez.academia.edu>

Email: elinor.velasquez@Berkeley.edu

Code Repository: <https://github.com/elinor2020>

EXPERIENCE

Biostatistics Instructor, U.C. Berkeley Extension — 8/2021 - 12/2021

Will assign homework, midterm, and research projects based on lectures, R language.

Data Science and Mathematics Tutor, Walnut Creek, CA — 1/2015 - 2/2021

Tutored in Calculus, Statistics, Numerical Analysis (MatLab), Data Science (R).

Statistics Instructor, U.C. Santa Cruz Extension — 4/2013 - 1/2015

Assigned homework, midterm, and research projects based on lectures, R language.

EDUCATION

Springboard, San Francisco, CA — **Certificate, Data Science** (Expected 6/2021)

Institute for Pure and Applied Mathematics, University of California, Los Angeles —
Graduate Summer School: Deep Learning, Feature Learning

University of California, Santa Cruz — **M.S., Bioinformatics**

San Francisco State University — **M.S., Cell and Molecular Biology**

University of California, San Diego — **Ph.D., Mathematics**

SKILLS

2020 - Present: Python, SQL, Scikit-Learn, Hyperparameter Optimization (Python), Supervised and Unsupervised Learning, Time Series, Deep Learning (LSTM Recurrent Neural Networks with Keras). **Pre-2020:** R, Support Vector Machines, Bayesian Networks, Weka, Perl, Java, C++, Bioinformatics algorithms such as Bowtie, Cufflinks, TopHat.

AWARDS

The Prize for Graduate Research in Biomedical Engineering, Society for Advancement of Chicanos and Native Americans in Science, Annual Conference - 2011.

The Prize for Graduate Research in Genomics, Society for Advancement of Chicanos and Native Americans in Science, Annual Conference - 2007.