

Avi Sharan

Ladera Ranch, CA

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EDUCATION

University of California, Santa Cruz (UCSC)

Master of Science in Applied Economics and Finance

Expected Graduation: June 2019

- Current GPA: 3.86

Relevant coursework: Applied Econometric Analysis, Applications in Microeconomics, Advanced Macroeconomics, Corporate Finance, Financial Engineering

California State University, Long Beach (CSULB)

Bachelor of Arts in Mathematical Economics and Economic Theory

Minor: Statistics

Graduated: December 2017

- GPA 3.69, Cum Laude, President's List

Relevant coursework: Calculus, Linear Algebra, Probability and Statistics, Advanced Microeconomics, Macroeconomic Theory, International Economics, Regional Economics

SKILLS

- Strong quantitative and analytical foundation including analysis of large and complex data sets
- Experience using statistical methods for econometric modeling
 - Non-parametric Analysis: Developed non-parametric regression model to study effect of a major university on housing prices in the area
 - Time Series Analysis: Developed various ARIMA/VAR models to conduct a time series analysis and study response of securities to market shocks
- Working proficiency in R, Stata, and Python programming languages
 - Machine Learning: Used R for several machine learning procedures including cross-validation, k-means, k-nearest neighbors, bootstrapping, Monte-Carlo simulation, LASSO
 - Regression Specifications: Used programming languages to estimate different types of linear, polynomial, non-parametric, difference-in-difference, and regression discontinuity models using large, complex datasets
- Basic knowledge and understanding of SAS and C++ programming languages
- Proficient in Microsoft Office Word, Excel, and PowerPoint

EXPERIENCE

CSULB, Long Beach, CA

Oct 2016 – Dec 2017

Tutor

- Facilitated student discussions to foster improved subject comprehension
- Created and documented student learning goals and objectives
- Coordinated with students to create personalized study plans
- Managed multiple study groups simultaneously

CSULB, Long Beach, CA

Aug 2016 – Oct 2016

Supplemental Instructor

- Created daily lesson plans to supplement lecture material
- Designed tracking tool to track and evaluate student progress
- Attended and participated in bi-monthly teaching meetings
- Led one-on-one meetings with students to discuss and implement personal study plans