

Alfonso Quintero

Econometrician

Address

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95060

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Programming Experience

RStudio ★★★★★
STATA ★★★★★
Excel ★★★★★
Python ★★★★★
Matlab ★★★★★
SQL ★★★★★

Experience

- 11/15-07/16 **Finance Research Intern** [Walnut, CA](#)
Collected finance data across 16 cities and conducted liquidity research to assess financial stability of the City of Walnut.
Conducted research and developed a proposal to update Fixed Asset Capitalization Policy which was adopted by the City Council.
- 06/15 - 08/15 **California Research Bureau Intern** [Sacramento, CA](#)
Conducted nonpartisan research services for the State of California.
Evaluated feasibility of quasi-experimental research design by applying subgroup weighting and other distributional analysis techniques to available survey data.
Implemented statistical analyses, mapped census survey data onto existing shape files, created data visualizations, exposed to web scraping, and operationalizing variables.
Expected to learn and use new programming packages as needed. Gained exposure to Quantum GIS & Helium
- 1/17-06/17 **Teaching Assistant** [Santa Cruz, CA](#)
Provided tutoring to culturally diverse and multilingual students.
Assisted hearing impaired students and students with learning challenges.
Tutored students in calculus, statistics, linear algebra, economics and legal studies. Teaching Assistant for supplemental grammar classes.
Coordinated with students in small groups of 5 to groups over 300.
- 09/10 - 05/11 **Intern for the Office of Assemblyman Curt Hagman** [Chino Hills, CA](#)
Analyzed polling data, assisted in database management, responded to constituent inquiries via phone and email, & represented the Assemblyman at district events.

Education

- 2016 - 2017 **Master's of Science: Applied Economics & Finance** [University of California Santa Cruz](#)
Main subjects: Regression Diagnostics (parametric & non), GLM, Time Series, Survival, & Hierarchical Analysis, Bayesian Inference, RD & DID design, Finance.
- 2011 - 2015 **Bachelor's Degree: Mathematics & Economics** [University of California Santa Cruz](#)
Main subjects: Real Analysis, Statistical Inference, Economic analysis, R programming.
- 2015 - 2016 **Data Camp Training Course**
R & Python Data Training Course
Main subjects: Data Imaging, Cleaning, Importing, & Manipulation. Statistical Analyses & Machine Learning