
Matthew Keen

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Economic Analyst

PROFILE

Focused, results oriented professional skilled at identifying solutions to complex, real world problems using economic theory and communicating this analysis in a clear, effective manner.

QUALIFICATIONS SUMMARY

- Forecasting – Applied forecasting of markets. Use of several models to forecast market and factor conditions, including ARMA, ARCH/GARCH, VAR, and some limited use of VECM.
- Asset pricing – Primarily using stochastic neoclassical growth model in a theoretical context. Similar to the capital asset pricing model.
- Economics – Knowledge of micro and macro economic theory and empirical application. Knowledge of numerous policy and market analytic tools. In depth research on international market interactions and goods pricing.
- Research – Skilled in academic and applied business market research oriented towards data discovery, including market concentration research. Analysis of public policy impacts on markets.
- Mathematics – Knowledge of statistics, calculus and linear algebra, primarily in an applied context.
- Programming – Skilled in using a number of languages, primarily statistics oriented languages and in macroeconomic modeling.

TECHNOLOGY

- Analysis w/ R, Python-pandas, Stata, Matlab
- Graphical Data Presentation,
- Data access through public API's
- Data Management with Structured Query Language - SQL
- Excel, Word, Outlook, PowerPoint, LaTeX

EDUCATION

San Francisco State University *San Francisco, CA*
Graduate Student in Economics August 2014 to June 2016
Master's program GPA of 4.0

Sonoma State University *Rohnert Park, CA*
Undergraduate Student in Economics August 2012 to May 2014
BA in Economics with honors

EMPLOYMENT

San Francisco State University *San Francisco, CA*
Tutor for Economics Department August 2015 to May 2016

Provide instruction to individual or small groups of students to improve academic performance and prepare for academic papers and tests.

Instructional Student Assistant February 2015 to August 2015

Grading for undergraduate courses Advanced econometrics and introductory macroeconomics.

Further Employment History Available Upon Request.

RELEVANT COURSEWORK

- Macroeconomics theory and modeling
- Asset pricing
- Econometrics (Statistics) Advanced theory and applied
- Time series forecasting
- Money and Banking
- International Trade