



Qualifications

Statistical Analysis: General Linear Models, Time Series, Panel Data, Nonlinear Models, ANOVA, Design of Experiments, Linear Mixed Models.

Computing: Create and manipulate complex data sets with SQL and SAS Data step. Statistical packages include SAS STAT, SAS ETS (time series), Minitab, EViews, STATA, and R.

Education

Cornell University - Ithaca, NY

M.A. Economics – August 2005

Sage Doctoral Fellowship Recipient (2003-2005).

Completed PhD courses in economic theory, and statistics.

California State University, Fullerton - Fullerton, CA

M.S. Economics – December 2002.

Thesis: GDP Growth in Latin America. Constructed an empirical GDP growth model using panel data to explain variations in GDP growth.

Park University – Parkville, MO

B.Sc Management Science (Magna cum laude). Cumulative GPA: 3.7 – August 2000.

Employment History

American Express Co. – New York, NY

Manager, Membership Rewards Finance

October 2007 to October 2008

- Developed analytical solutions for senior leadership to plan for the points redemption liability.
- Saved \$300M of liability reserve by improving model methodology in liaison with statisticians.
- Automated the redemption forecasting by introducing SAS macros to time-series modeling.

Manager, Strategic Analysis & Testing

October 2005 to October 2007

- Drove \$4MM in revenue increase by enhancing customer targeting with a response model.
- Generated analyses to understand customer behavior and enable data driven decision making.
- Designed experiments and ensured optimal population sizing for marketing campaigns.

Center for Demographic Research- Fullerton, CA

Research Associate

January 2002 to August 2003

- Prepared relevant census data sets with SAS codes for government planning authorities.
- Authored the Orange County Progress Reports depicting the county's employment structure.

Department of Economics California State University, Fullerton- Fullerton, CA

Research/Teaching Assistant

January 2001 to September 2002

- Served as a teaching assistant for core undergraduate micro and macroeconomics courses.
- Provided research assistance to faculty with data gathering and conducting literature reviews.

US Air Force - Texas, France, and Saudi Arabia

Electrical Power Plant Operator

September 1995 to September 1999

- Enlisted military service commended with the Air Force Achievement and Longevity medals.
- Notable deployments included Operation Southern Watch and Kosovo Liberation Campaign.