
CAREER OBJECTIVE:

To obtain a position that requires advanced skills in quantitative analysis and applied regression techniques.

TECHNICAL SKILLS:

- More than 6 years experience in data analysis using SAS
- Versatility in accessing, manipulating and analyzing large data sets using SAS/BASE, SAS/SQL, SAS/MACROS and SAS/STAT
- Strong quantitative, analytical and econometric skills
- Excellent knowledge of advanced applied statistical methodologies including least squares regression, multivariate methodologies, logistic regression, time series analysis
- Experience working in UNIX and PC environments

EXPERIENCE:**Healthcare Data Analyst (5/07 – present),****Health Dialog, Boston, MA**

- Provided analytical and SAS programming support for a broad range of projects;
- Performed ad-hoc projects and data investigations of healthcare data, including medical and pharmacy claims, membership files and Health Coaching interactions;
- Conducted evaluation of healthcare claims data including utilization patterns and \$PMPM trend analysis;
- Created SAS programs to assemble data sets and analyze data, with use of SAS/MACROS;
- Developed descriptive statistics using PROC UNIVARIATE, PROC MEANS and PROC FREQ;
- Translated technical results into graphs and reports using PROC GPLOT and EXCEL;
- Collaborated with multiple departments to generate client deliverables;
- Documented client deliverables and analyses, including objectives, hypotheses and plans;
- Conducted longitudinal analysis on biometrics data to examine the evolution of Blood Pressure, Body Mass Index and Total Cholesterol over time, with use of PROC GENMOD;

Forecasting Analyst (9/05 – 5/07),**First Choice Power, Fort Worth, TX**

- Conducted data analysis to accurately forecast hourly and daily load consumption for internal customers;
- Developed forecasting model to predict hourly and monthly consumption usage using the Stepwise Regression Procedure;
- Designed and implemented a SAS program to calculate the correlation matrix;
- Had full responsibility for producing and analyzing the daily, monthly and quarterly reports in the Forecasting group;

Teaching Fellow (8/04 – 8/05),**University of North Texas, Department of Economics, Denton, TX**

- Taught Principles of Macroeconomics to large classes, 100 students or more;
- Provided assistance in preparation of Departmental Exams and assignments for principles classes;

Co-op Student in International Research Project (7/04 - 8/04),**Commercial Metals, Dallas, TX**

- Conducted comparative research study between Poland and Mexico based on General Macro Data, Investment Climate, Foreign Trade Statistics and Banking Infrastructure;

Coordinator/Tutor, Tutoring Center (6/04 - 8/04),**University of North Texas, Department of Economics, Denton, TX**

- Coordinated and supervised the activity in the Economics Tutoring Center promoting good analytical abilities;

Research Assistant (8/03 - 7/04),**University of North Texas, Department of Economics, Denton, TX**

- Collected and organized data sets for different research projects;
- Performed statistical analysis on a time series data from 1948 to 2002 using PROC ARIMA and PROC VARMAX;
- Forecasted the U.S. unemployment rate using both the Autoregressive and the Vector Autoregression model;

EDUCATION:

M.S., Aug. 2005 Economic Research,
Area: Econometrics, GPA: 3.8/4.0

University of North Texas, Denton, TX

B.S., June 1998 Management,

University of Galati, Galati, Romania**HONORS AND AWARDS:**

- Verizon Scholarship in Economics 2004–2005, (awarded to the top graduate student in the Department of Economics), University of North Texas, Denton, TX