

Objective

Seeking a position as a statistician, where I may employ my knowledge of modern inferential techniques for the analysis of real-world data using my skills in a variety of statistical computing environments.

Education

Purdue University

PhD in Statistics *candidate May 2007*

MS in Statistics with a specialization in Computational Finance *May 2005*

University of Florida

BS, double major in Mathematics and Physics with High Honors *May 2002*

BA, major in Spanish with Honors *May 2002*

Experience

Department of Statistics, Purdue University

Aug 2003 – present

Graduate Research Assistant: Analyzed data as a member of inter-disciplinary teams investigating syndromic surveillance for disease outbreak detection and packet trace analysis for network intrusion detection. Helped develop a system for visualization of massive data.

Statistical Design and Software Consultant: Assisted clients with the design and analysis of experiments and with the use of statistical software.

Graduate Teaching Assistant: Reviewed material, answered students' questions, wrote and administered quizzes, graded homework, and proctored exams.

School Board of Alachua County

Jan 2002 – June 2002, July 1998 – May 1999

Computer Technician: Configured, installed, upgraded, and troubleshoot microcomputer hardware and software, printers and networking devices.

University of Florida

Jan 2001 – Dec 2001, June 1999 – May 2000

Tutor: Tutored students in a variety of subjects, including physics, statistics, calculus I–III and differential equations.

Undergraduate Research Assistant: Constructed a spectrometer to investigate Electron Paramagnetic Resonance at microwave frequencies using a tuned copper cavity with tunnel diode oscillator, initially as part of a 10-week Summer REU program under NSF grant DMR-9820518.

Selected Skills

Analytic: statistical methodology and computation, quantitative finance

Technical: S-PLUS/R, Linux, L^AT_EX, SAS, C, SPSS, SQL, HTML, Perl, Fortran

Other

Honors and Awards: VIGRE Fellowship, Phi Beta Kappa, Phi Kappa Phi, Massey Presidential Scholar, Anderson Scholar with High Distinction, Florida Academic Scholar, National Merit Scholarship Finalist

Professional Societies: American Statistical Association, Institute of Mathematical Statistics

References: available upon request