

Tomohiko Funai

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EDUCATION *Master of Science*, Statistics GPA 3.5, expected April 2010
BS, Statistics: Business Emphasis
Minor: Business Management
Brigham Young University, Provo, UT

AWARDS & SCHOLARSHIPS Spring Research Conference Award 2009, Russell C. Richard Scholarship, Stat-Elrod C. Leany Scholarship, Grant A. Young Scholarship, Statistics Department Honor Roll 2007, International Student Honor Roll 2006.

HIGHLIGHTS Fluent in Japanese. Lived in Japan, Switzerland, Singapore and United Kingdom.

PROJECTS Gamma Estimation for the Harold B. Lee Library Lending Time, Selection of Gene Expression Profile for Breast Cancer, Likelihood of Default in the Subprime Loan, Library Expenditure Forecast, Utah Colleges Exit Poll.

COURSES Survival Analysis, Applied Time Series and Forecasting, Nonparametric Statistical Methods, Advanced Programming for SAS, Statistical Regression, Statistical Theory, Accounting, Financial Management, Marketing Management, Methods of Sampling Survey, Multi-variable Calculus, Theories of Matrices and Vectors.

COMPUTER SKILLS Certified SAS Advanced Programmer, R, C, MySQL, UNIX, L^AT_EX, GGobi, Microsoft Excel and Power Point MOS Certified, HTML, Photoshop.

EXPERIENCE *Instructor for ADVANCED SAS, BYU* September '08 – Present
Teach classes aimed to prepare students pass the Advanced SAS Certification.

Statistics Research Analytics, BYU September '07 - April '08
Assist graduate students with performing complex research analysis. Meet weekly with professors and discuss possible ways to solve real-life problems. Participate in the Spring Research Conference at BYU and present the research findings.

Teaching Assistant for Quality Control, BYU September '08 – Present
Teach engineering majors quality management philosophies, process control charts, and design and analysis of experiments for process characterization.

Assistant to Harold B. Lee Library Statistician, BYU April '07 - April '08
Update monthly expenditure reports, forecast library expenditures, plan and execute projects to increase library service, perform data analysis on the projects, and present the results to the Library Executives.

Design team for Utah College Exit Poll 2006, BYU September '06 - December '07
Design sampling scheme for the midterm election 2006. Train student volunteers from 7 different colleges in Utah. Data input and analysis.