Liang Yu

CONTACT INFORMATION

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COMPUTER SKILLS

- Statistical Packages: R, S-Plus, BUGS; some experience with SAS; extensive use of C and Fortran statistical libraries.
- Languages: C++, Perl, Pascal, some use of Unix shell scripts, MPI parallel processing library.
- Applications: Generic Mapping Tools (GMT) - Unix mapping software, LaTeX, common Windows database, spreadsheet, and presentation software
- Algorithms: Experience programming Markov Chain Monte Carlo simulations of Bayesian posterior distributions
- Operating Systems: Unix/Linux, Windows.

EXPERIENCE

Bureau of Transportation Statistics, U.S. Department of Transportation, Washington, District of Columbia USA

Summer researcher   **May, 2000 - August, 2000**
Carried out several consulting projects, including modelling of injuries to cadavers in crash test experiments, analysis of airline delay data, and advice on analysis of airline economics data.

Abt Associates, Bethesda, Maryland USA

Associate Programmer Analyst and Research Assistant   **October, 1994 - August, 1996**
Researcher and computer model developer for U.S. EPA Regulatory Impact Analysis of Section 403 Lead Paint Hazard Rule. Other projects included database analysis, literature reviews, and cost-benefit analysis.

EDUCATION

Northeastern University, Boston, Massechussete USA

Master of Science, December, 2012

Nanchang University, Nanchang, Jiangxi China

Bachelor of Science, May, 2009