

PRASANTH KARUMANCHI

110 East Columbia Street,
Apt# 202, W. Lafayette,
IN 47906

e-mail: kvp24@purdue.edu
web: <http://stat.purdue.edu/~kvp24>
Phone: 765-409-3571

EDUCATION

Master of Science in Statistics with emphasis on Computational Finance May 2004
Purdue University, West Lafayette, IN, USA

- Designed and organized a graduate level course on **financial algorithms** offered in spring 2004.
- Credited all courses in the Investment Track, MBA program, Krannert School of Management.

Integrated Master of Science in Mathematics and Computing May 2002
Indian Institute of Technology (IIT), Kharagpur, India

- Courses include Linear Programming, Operations Research, Compiler Design, Operating Systems, Distributed Systems, Algorithms, Graph Theory and Database Design.

ACADEMIC EXPERIENCE

Research Assistant (Under Prof. Sugato Chakravarty) Aug. 2003 - date
Purdue University, IN

- Designed and implemented algorithms in C, SAS and SQL.

Summer Intern Summer 2001
Hughes Software Systems, India

- Programmed in C for a prototype of DIAMETER base protocol.
- Part of the team that analyzed the utility of the protocol.

Summer Intern Summer 2000
GraphoNET, Hyderabad, India
Programmed for a Java based desktop auction ticker to track items being auctioned.

COMPUTER SKILLS

- Programming Languages : C and Data Structures, C++, Java 1.2, Basic, SQL, VBA.
- Statistical Software : SAS, R, SPLUS
- Financial Software :WRDS, Ox Professional
- Other Software :MATLAB, MS Excel, MS Office, MS FrontPage,
- Operating Systems :UNIX, Linux, Windows NT, Windows XP
- Browsers :Internet Explorer, Netscape Navigator, Opera, Firebird, Lynx
- Related Skills :Monte Carlo Simulations, , LaTeX

HONORS

- One of the twenty five recipients of Andrews Fellowship, Purdue University. 2002
- Membership in Omicron Delta Kappa, National Leadership Honor Society. 2002
- Invited to present a talk at Madrid (International) Conference of Queueing Theory. 2002
- One of the seven interns chosen all over India by Hughes Software Systems. 2001

LEADERSHIP AND COMMUNICATION SKILLS

- Represented 6000 graduate students in University Student Affairs Committee. 2003-04
- Organizational Head, Ideon - the annual technological festival, IIT Kharagpur. 2001-02
- Student Representative, Alumni Liaison Committee, IIT Kharagpur 2001-02
- Editor, Wallpaper journal, Indian Institute of Technology, Kharagpur, India. 2001-02