

## Author Addresses and Biographies

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**Kshamta Jerath** (M'2002) received an MS in computer science from Washington State University (WSU), Pullman, Washington, USA in August 2002. She earned her bachelors degree in computer engineering from Delhi College of Engineering, Delhi, India in the year 1999.

She worked as a Software Engineer at IBM India Pvt. Ltd. in Pune, India from August '99 to December '00 in the area of web application development and three-tier client server applications. She also headed a team of developers carrying out regression testing on an e-commerce application. She is a SUN certified Java programmer. Her research interests include software engineering, reliability and distributed applications.

Ms. Jerath received an honorable mention for Outstanding Woman Graduate Student from the Association of Faculty Women at WSU ('02). She was also the recipient of the All American Scholar and National Collegiate Computer Science Awards from the American Achievement Academy ('02). She was awarded the chief minister's gold medal and the lieutenant governor's gold medal for best performance in undergraduate studies. She also received the IEEE P. Kundu gold medal for outstanding performance in industrial training.

**Frederick T. Sheldon** (M'1985) received his Ph.D. at the University of Texas at Arlington (UTA), USA in 1996 while supported by a fellowship from NASA Langley Research Center ('93-96) and an NRC postdoc ('96). He received an MS in computer science from UTA in 1988 and a BS in computer science from the University of Minnesota in 1983.

He is an Assistant Professor at the Washington State University though he is currently on leave at DaimlerChrysler Research (RIC/AS - System Safety). He is the director of the SEDS (Software Engineering for Dependable Systems) laboratory at WSU. He has worked at NASA Langley and Ames Research Centers in various capacities since 1993. Prior to that he worked as a Software Engineer for 9 years in the area of avionics and diagnostics software development for the YF-22, F-16 and Tornado aircraft programs at General Dynamics (Lockheed Martin) and Texas Instruments (Raytheon). His research is concerned with developing and validating methods and supporting tools for the creation of safe and correct software. Recent studies have focused on verification and validation of systems using modeling and analysis of both logical and stochastic properties (Zed, Statecharts, Stochastic Petri nets, Process Algebras, Model Checking).

Dr. Sheldon is a member of the IEEE Computer and Reliability Societies, ACM, AIAA, and The Tau Beta Pi and Upsilon Pi Epsilon. He received the Outstanding Research by a Ph.D. Student Award in CSE ('95-96) from the College of Engineering at UTA and the Outstanding Dissertation Award ('96-97) from the UTA Chapter of the Sigma Xi Scientific and Research Society.