



Dr. Dong-Keun Shin

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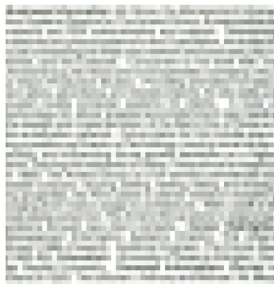
Business Information: Dr. Shin conducts independent research in computer science, trying to complete his theories and practices. His research interests are computer science theory and database systems. He received his education in computer science from the University of California at Berkeley and from George Washington University. Dr. Shin worked for the Electrical Engineering and Computer Sciences Department at U. C. Berkeley and lectured on both computer software and computer hardware at the George Washington University. He has also worked at several companies, including British Telecommunications, Xerox, CBSI, SFA, and Samsung Electronics. With more than 15 years of experience in computer science, Dr. Shin has published papers in computer science journals. While surveying hash functions, he verified for the first time that there is no distinguishable difference between the performance of one relatively good and data independent hash function and that of another. He coined the term "phenomenon of relatively good (RG) solutions" in reference to the verification. Based on the first verification of the kind, he has developed the hypothesis that the phenomenon of RG solutions is present in each group of polynomial time solutions for complex problems that basically require exponential time algorithms as solutions. He is preparing to verify the hypothesis for other complex problems. He has also discovered and proposed algorithms in the fields of hash functions, massive cross-referencing or the join database operation, and graphics. Dr. Shin's papers not only show that his algorithm for massive cross-referencing or Shin's join algorithm, with its several versions, is the best algorithm of its kind to date, but also prove that Shin's mapping hash function is the best hash method. Dr. Shin has offered a challenge to the world's academic communities and computer scientists to refute the legitimacy of his verification and discoveries, as well as his claim to having made the greatest contribution to computer science. For further investigation on Dr. Shin's achievements, one may acquire his research collection entitled "A Collection of Research Processes for Genealogy and Proofs", currently thirty volumes, which have been submitted to the Chairperson of the EECS Department, the University of California at Berkeley, Berkeley, California 94720, USA. He is also involved in managing his family owned Hwa Shin Building in Downtown Seoul. He plans to continue conducting computer science research and publishing his theories and ideas in the computer science and engineering fields. Built in 1922, Hwa Shin Building is a nine floor commercial high rise building offering rental space to commercial and business operations. Located in downtown Seoul, the Building provides tenants with a prime location to conduct business transactions and commercial marketing ventures. **Career Highlights:** Independent Researcher, Hwa Shin Building (1997-Present); Chief Scientist, Samsung Electronics (1992-97); Software Engineer, Xerox Corporation (1988); Academic Computing Coordinator, Electrical En-

gineering and Computer Sciences Department, University of California at Berkeley (1981-83). **Associations and Accomplishments:** Association for Computing Machinery, Institute of Electrical and Electronics Engineers Computer Science. **Education:** George Washington University: Doctor of Science in Computer Science (1981), M.S. in Computer Science; University of California at Berkeley, B.A. in Computer Science (1983). **Personal Information:** Married to Helen Chang in 1981. Two children: Paul J. and Lucas J. Dr. Shin enjoys collecting stones and playing the piano and the guitar.



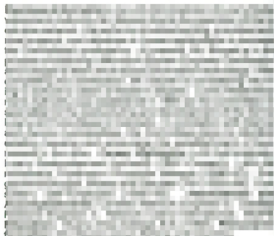
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