

Achievements

Contributed by Administrator
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2007 September

Honorable mentioned in the Transportation Science and Logistics (TSL) Doctoral Dissertation Award by Xu Zhou (my PhD student)

This award is the oldest and most prestigious honor for doctoral dissertations in the transportation science and logistics area.

2007 July

2007 Innovative Application of Artificial Intelligence Award by the Association for the Advancement of Artificial Intelligence (AAAI) for our work on www.journal-ranking.com

We created a new paradigm to rank academic journals and launched it as a service on the web. Since the launch of www.journal-ranking.com in Jan 2007, the site has received several million visits from all over the world and has more than 3500 registered members from the academic and research community.

2006

2nd Place, Philips Supply Management Contest for our work on developing a strategic procurement system for full container load

We streamlined the entire FCL strategic procurement process of Philips. The innovative system now provides a new platform for data collection, analysis, benchmarking, negotiation strategy generation, optimization and scenario analysis. The system has resulted in year on year savings of USD\$20,000,000.

2006 July

2006 Innovative Application of Artificial Intelligence Award by AAAI for our work on Strategic Freight Procurement for Air Freight and Air Courier

We streamlined the entire strategic procurement process of Philips to dramatically improve its ability to collect, organize, analyze, benchmark, negotiate, and optimize rates from their service providers such as DHL, UPS, Fedex, TNT, etc. The system annually enables Philips multi-million dollar savings since its deployment.

2002 July

2002 Innovative Applications of Artificial Intelligence Award by AAAI for our work on University Exam Timetabling System for the National University of Singapore in 2001

The system handles examination scheduling for the entire university using venues only within the university. It has many constraints such as capacity, time, spread, conflicts, etc. The system has resulted in substantial savings on rental costs of external venues previously required to cater to the capacity. At present (2007), the system remains an indispensable system in the National University of Singapore.

2002

Runners Up, Singapore Startup Contest

2002

Hewlett Packard INIT (Innovative Applications in IT) Merit Award

2001

World Champion in the International Olympiad in Informatics. I was the team leader and trainer of the Singapore Team

This is a historical event for Singapore. Singapore was joint champions with Slovakia, ahead of traditional

“superpowers” such as China, Russia, other Eastern European countries, and the United States. Singapore has never been a world champion in any Olympiad since the beginning of all academic Olympiads.

1998-2003

ACM Programming Contests. I was the coach of the National University of Singapore team.

Our team was placed 1st, 2nd, 2nd, 4th, and 2nd respectively in the ACM Asian Regional Contests and was consistently placed well in the world finals.

2001

ACM SIGDA/IEEE DATC Graduate Scholarship

1985-1987

Graduated first in the graduating class of 1987, University of Minnesota.

Numerous academic awards including Lando Scholarship for Academic Excellence, Dean’s List, etc.

1985

National Computer Board Overseas Undergraduate Scholarship as one of the top high school students in Singapore.