

Yan (Henry) Chen

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EDUCATION

- **Massachusetts Institute of Technology** **June 2005, Cambridge, MA**
Candidate for Master of Engineering in Logistics and Supply Chain Management, June 2005 (GPA: 4.90 / 5.00)
Thesis: Hong Kong Harbor RFID Demonstration Project (research within MIT Auto-ID Lab, supervised by Dr. David Brock)
Relevant Courses: Logistics Systems; Database, Internet and System Integration Technologies; System Dynamics; Real Options; System and Project Management; RFID
Auditing Courses: Technology Strategies; Operation Strategies; Manufacturing Systems; Integrating the Lean Enterprise; Investment; Entrepreneur Finance
- **National University of Singapore** **June 2003, Singapore**
Master of Business Administration, ranked as Top 3 B-School in Asia (including Australia, New Zealand) continuously
Focused on Marketing Management and Operation Management (GPA: 4.68 / 5.00)
Ranked 2nd in MBA Graduate class 2003 with approximate size of 200
- **National University of Singapore** **May 1999, Singapore**
Bachelor of Electrical Engineering Degree (Honors Degree)

RELEVANT EXPERIENCE

- **Agilent Technologies, Senior R&D Engineer** **Jan 02 – Jul 04, Singapore**
 - Led a cross-functional team consisting of Electronics design engineers, PCB layout engineers, FPGA coding engineers, mechanical engineers, technical writer and material engineer.
 - Planned and executed product transfer of WireScope (<http://www.agilent.com/comms/wirescope>) and FrameScope (<http://www.agilent.com/comms/framescope>) from Agilent NSTD (Network System Test Division) in Colorado Springs, USA
 - Developed Gigabit Ethernet FrameScope Pro. Major contributions included the Hardware/Software system architecture design; major components evaluation and identification; design / test of the major processing cards consisting of CPU, FPGA and MAC
 - Managed Gigabit Ethernet FrameScope Pro project
 - Coordinated Software localization in French, Germany, Spanish, Chinese and Japanese
 - Developed Market Requirements Document (Internal Requirement Specification and External Requirement Specification) and product literature, such as product User Manual and Getting Started Guide
 - Coordinated between R&D and Material Engineering in terms of components sourcing, PCB manufacturing, PCB assembly.
- **Pixelmetrix Corporation, Design Engineer** **Jul 99 - Dec 01, Singapore**
 - Developed DVStation (<http://www.pixelmetrix.com/eng/product.html>), the world's 1st real-time operation monitoring equipment for world-wide Digital Video Broadcasting industry
 - Developed PUMA, the portable version of DVStation, for TDF (France Telecom), the 2nd largest Telecom operator in Europe
 - Investigated other products that the company was planning to build, which involved technical study, competitor analysis and product feature definitions
 - Established manufacturing operation, including component sourcing and procurement, PCB assembly outsourcing, New Product Introduction, quality control and order fulfillment
 - Coordinated and managed outsourcing companies (such as PCB manufacturers, PCB Assembly companies, and OEM/ODM companies) to ensure on time delivery of projects and budget was under control.
 - Acted as Technical Support in professional trade show (such as: NAB, IBC, InterBEE, BroadcastAsia)

AWARDS RECEIVED

- **Winner of Inchcape Berhad Book Prize (MBA Commencement 2004)** **2004**
- **Best Executive Summary, 4th Start-Up @ Singapore Business Plan competition** **2003**
- **Pixelmetrix Corporation, DVStation** **2000**
 - **Winner of the Peter Wayne Award for "Best Design & Innovation"** awarded by the International Association of Broadcast Manufacturers during International Broadcast Convention 2000
 - **Winner of the STAR (Superior Technology Award Receipt)** awarded by TV- Technology Magazine
- **Singapore Ministry of Education Scholarship for Undergraduate Education in Singapore** **1994 – 1999**

PROFESSIONAL MEMBERSHIP / ACTIVITIES

- Student Member of APICS **2004 – Now**
- Member of IEEE Communication Society **1997 – Now**
- Local Arrangement Chair, ICCS (IEEE International Conference on Communication Systems) 2002 **2002 Oct**
- IEEE Communication Society Singapore Chapter Management Committee, Committee Member **2001 – Now**

SKILLS

- **Computer:** Proficiency of OS: Windows, UNIX, Linux, DOS; Proficiency of Programming Language: C, Java, Perl/CGI; Proficiency of applications: MS Office (Word, Excel, PowerPoint and FrontPage), MS Outlook, IE, MATLAB; Proficiency of Database: MS Access, MySQL; Others: proficiency of HTML, SQL, JavaScript, ASP, JSP.
- **Language:** Proficient: English / Mandarin / Shanghai-ness; Basic: Japanese / Cantonese

ACTIVITIES / INTERESTS

- PADI certified Advanced Scuba Diver; Travel; Soccer; Volleyball; Tennis; Table-Tennis; Movies; Reading