



COMPUTER SCIENCE AND ENGINEERING DISTINGUISHED ALUMNI AWARD



Established in 2004, this award recognizes an alumnus who has distinguished himself/herself as a leader in the computer science and engineering profession through professional contributions, public service, and personal accomplishments. Nominations are made by faculty, alumni, and other supporters of the department. The winner is selected by the department chairperson and advisory committee.

Honda Shing, a native of Taiwan, is a successful entrepreneur and innovative software engineer. He began his professional career prior to graduation, serving as system manager for MSU's computer science department as a PhD student, where he made many significant contributions to the department's research computing facilities. His PhD thesis solved a well-known difficult problem in the design of shared-memory multi-processors. He developed a set of tools and scripts to efficiently manage a networked multi-server computing environment, which became known as "Honda Normal Form" and was adopted by other organizations.

Upon leaving MSU, Honda joined Unisys Corporation in San Jose, California, as a senior software engineer, continuing his work on multi-processor operating system design. He started his own business in 1995—developing tools for rapid development of application software systems. In 1998, he co-founded InterVideo as chief technology officer, along with Steve Ro, president and CEO. He initially operated from his apartment in the Bay Area. InterVideo soon became a leading provider of digital video disc (DVD) software.

Their first product, WinDVD, an application for viewing DVDs on a PC, corresponded with the initial surge in demand for DVD drives. InterVideo was the first company to build a version that worked on all Windows systems and the first to provide a Lynx DVD software player. The cross-platform advantage helped InterVideo secure bundling deals with 13 of the 15 largest PC manufacturers worldwide. A year after the WinDVD's introduction, the company was the leading provider of DVD software.

InterVideo went public in 2003. Their revenue had advanced 1,012.2 percent, making it the second-fastest-growing private company in the Bay Area. By 2006, InterVideo had 803 employees worldwide, with regional offices in Europe, Taiwan, and Japan. Their revenue was approximately \$125 million, with more than 35 percent derived from the Japanese market. The company offered a broad suite of advanced digital video and audio multimedia software products that allowed users to record, edit, author, distribute, and play digital multimedia content on PCs and other devices. The company provided its software in up to 27 languages. Around 200 million copies of the products have been shipped with PCs from major OEMs around the world. InterVideo was recently acquired by Corel Corporation of Canada for a reported \$198.6 million.



*Honda Shing, MS '88,
PhD '92, Computer Science*

Honda lives in San Mateo, California, with his wife, Anne, and their three-year-old son, Daniel. He is an enthusiastic supporter of the College of Engineering and MSU. Being a dedicated Christian and Sunday School teacher, his next goal in life is to further prepare himself for Christian ministry. For his personal interest, he also plans to re-enter school to pursue the study of physics.

Past Recipients

2004 Kevin J. Ohl (BS '78)

2006 James R. Von Ehr II (BS '72)

2005 Julie Louis-Benaglio (BS '79)

