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[Cartronics] The Vehicle Warning System Invented by NTU College of Electrical Engineering and Computer Science Professor Li-Chen Fu Won the University Level Industry Economic Contribution Award from the Ministry of Economic Affairs

[Cartronics] The Vehicle Warning System Invented by NTU College of Electrical Engineering and Computer Science Professor Li-Chen Fu Won the University Level Industry Economic Contribution Award from the Ministry of Economic Affairs (Chinese Version)

NTU Spotlight (Issue 148) NTU College of Electrical Engineering and Computer Science Professor Dr. Li-Chen FU won the 2010 Ministry of Economic Affairs' University Level Industry Economic Contribution Award (individual award.) The award presentation ceremony was held along with other industrial technology R&D achievements on September 8th and officiated by Premier Den-yih WU. Including Dr. FU, a total of nine professors won the University Level Industry Economic Contribution Award, and the joint presentation ceremony was held for MOEA's Industrial Technology Advancement Award, the Industry Innovation Award, the University Level Industry Economic Contribution Award, the Industry Technology Program and the Corporate Technology Program, and the National Invention and Creation Award as well.

Dr. FU won the award because he used computer vision technology to build a driving warning system. He mounted digital image sensors and a computer on the automobile, which could automatically detect the driving conditions around the vehicle, such as other cars, pedestrians, or road signs. When the system detects a critical situation, it will immediately alert the driver so that an accident can be avoided.

Dr. FU's research expertise lies in computer vision, artificial intelligence, robotics and system control. He taught for more than twenty years at the Department of Electrical Engineering and the Department of Information Engineering, NTU. During the period, he never took a respite from research, and he was adept at both theory and practice, as he not only completed more than 400 academic treatises, but had ten patents in the U.S. and Taiwan and completed several practical systems while offering technological needed advices and assistance to 10 manufacturers, including TSMC, and three corporate units. Owing to his scholastic attainments, he was often awarded honors from the National Science Council and many civilian organizations, and he also won the Best Teaching Award from the Ministry of Education, the Outstanding Engineering Professor Award from the Chinese Institute of Engineering, and the Teco Technology Award from the Teco Cultural and Educational Foundation which all represented recognition of his contributions to the industry

Further Information:
NTU Spotlight Issue 148 (Temporary Link)

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