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Resume of Yutaka Kanayama, 1990-12

Kanayama, Yutaka

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RESUME OF YUTAKA KANAYAMA

Yutaka Kanayama was born in Tokyo, Japan on February 12, 1937. He received a Bachelor of Science Degree, a Masters Degree and a Ph.D. in Electrical Engineering from the University of Tokyo in Japan.



After graduating from the University of Tokyo he was a senior researcher at the Central Research Laboratory Hitachi, Ltd., Kokubunji in Tokyo. He then became an Assistant Professor in Electrical Engineering at Hosei University in Tokyo and one year later became an Associate Professor at Hosei University. In 1971 he became an Associate Professor in Computer Science at the University of Electro-Communications, Chofu, Tokyo, Japan. In 1976 he became the Chairman of the Graduate Program in Computer Science at the University of Electro-Communications, Chofu, Tokyo, Japan. One year later he became the Director of General Computer Education at the University of Tsukuba, Japan. He served in this capacity until 1984 with an interim as a Visiting Professor in the Department of Electrical Engineering and Computer Science at Northwestern University in Illinois for one year. In 1984 he came to the United States as a Research Associate at the Artificial Intelligence Laboratory, Department of Computer Science, Stanford University, Stanford, California. In 1986 he transferred to the University of California as an Adjunct Professor at Santa Barbara, California. He came to the Computer Science Department, Naval Postgraduate School as the Grace Hopper Chair Professor in 1989. In 1990 he joined the Naval Postgraduate School Computer Science Department as a full Professor.

Dr. Kanayama's interests include Artificial Intelligence in Autonomous Mobile Robots, Autonomous Underwater Vehicle and Autonomous Walking Robots. Other interests include mathematical aspects in robotics, mathematical foundations of computer science, computer architecture and real-time systems.

Dr. Kanayama teaches robotics, pathplanning, artificial intelligence, image understanding and real-time operating systems and languages. He is a member of the Association for Computing Machinery, IEEE Computer Society, American Association for Artificial Intelligence, Information Processing Society of Japan, Institute of Electronics and Communication Engineers of Japan, Robotics Society of Japan and the Association of Language and Automata Theory.