CURRICULUM VITAE

Contract Information

Full Name: Tae Hee Han

Position: Professor, Department of Semiconductor Systems Engineering, Sungkyunkwan University

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Education

Mar. 1994 ~ Feb. 1999   Doctor of Philosophy in Dept. of Electrical Engineering,

Korea Advanced Institute of Science and Technology (KAIST)**, KOREA**

Efficient Motion Estimation Techniques and VLSI Architectures for Video Compression

Mar. 1992 ~ Feb. 1994   Master of Science in Dept. of Electrical Engineering,

Korea Advanced Institute of Science and Technology (KAIST)**, KOREA**

On-chip Floating-point Unit Design for HK486 Microprocessor

Mar. 1988 ~ Feb. 1992   Bachelor of Science in Dept. of Electrical Engineering,

Korea Advanced Institute of Science and Technology (KAIST)**, KOREA**

Work Experiences

Nov. 2021 ~ Present : Program Manager in Computer System & Processing**, National Research Foundation of Korea**

Mar. 2008 ~ Present   Sungkyunkwan University, Suwon, Gyeonggi, KOREA

Professor, Department of Semiconductor Systems Engineering, Department of Artificial Intelligence, Department of Semiconductor and Display Engineering.

May. 2011 ~ Apr. 2013   KEIT (Korea Evaluation Institute of Industrial Technology) / Ministry of Knowledge Economy, Korea Government

Program Director, System Semiconductor

Full time advisor on National R&D Projects Planning & Consulting on System IC for Korea Government

Sep. 2006 ~ Feb. 2008   Korea Polytechnic University, Siheung, Gyeonggi, KOREA

Assistant Professor, Department of Electronics Engineering

Mar. 1999 ~ Aug. 2006   Samsung Electronics, Suwon, Gyeonggi, KOREA

Senior Engineer

Research Area

Manycore Intelligent SoC Architecture,

Processing-in-Memory,

Next generation Memory System,

Low-power/Thermal Management Technology,

3D IC Technology

Honor and Award

● Best Engineer of the Year 2002 in Telecom Business Unit, Samsung Electronics (Jan. 2003)

● Awarded by the Ministry of Information & Communication for the contribution of CDMA and DMB SoC Development (Jan. 2005)

● Nominated for the IEEE/IEEK joint award for the Young Engineer 2006 as a representative of Samsung Electronics (Jan. 2006)

● Awarded by the Ministry of Industry, Trade, and Energy for the contribution of Korea Semiconductor Industry (Oct. 2013)

● IEIE paper award (Semiconductor & Devices society) (Nov. 2015)

● Excellent paper in science and technology from the KOFST (Jul. 2016)

Publications

https://idealab.skku.edu/index.php?mid=page_aJDl93