JINWOO NAM

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WORK EXPERIENCE

Creative-Lab., Samsung Electronics   *March 2019 - current*
Developing an AI based fake image detection solution on embedded device.
In this project, I am reducing inference latency and improving our core algorithm's performance.

SW Platform Lab., Staff Engineer, Samsung Electronics   *August 2012 - February 2019*
Developed the native TV UI Frameworks for C/C++ and C# for 7 years.
I was mainly in charge of developing core algorithm used for generating core components.
Personally published a SDK tool to help co-workers automatically generate Unit Test codes for their functions. The tool was appear in company broadcasting.

RESEARCH INTEREST

Machine Learning, Computer Graphics, Computer Vision, Embedded System Optimization,

EDUCATION

Ulsan National Institute of Science and Technology   *August 2010 - August 2012*
M.S., Division of Electrical Engineering
Advisor: Jae-Young Sim

Pukyoung National University   *March 2002 - February 2006*
B.S., Division of Computer Engineering

SELECTED PUBLICATIONS

Jin-Woo Nam and Jae-Young Sim, Geometry contrast enhancement for 3D point models using histogram modification, IEICE Electronics Express, vol. 8, no. 19, pp. 1621-1626, Oct. 2011.

Jin-Woo Nam and SeungJoon-Yang, "Superpixel based foreground object detection from a video sequence", KIBME, July. 2012.

EXTRA-CIRRUCULAR

Research Assistant at the AI and Robot Vision Lab in Pusan National University. 2009 - 2010.

Volunteer at the Wycliffe Bible Translators Center in England 2008.

Army ROTC at Pukyoung National Univ. 2004 - 2006.

QUALIFICATIONS

Samsung S/W Certification - Professional Level.

Mentor for Samsung Code Reviewer Training Course.

TECHNICAL STRENGTHS

Computer Languages	C/C++, C#, Python
OpenSources	OpenGL/ES, Tizen, and OpenCV
Software & IDEs	VS Studio and Code, Git, Pycharm, MS Office and Latex