

Hwon Im

Dept. of Electrical Engineering, KAIST

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EDUCATION AND TRAINING

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- **M.S. Candidate, Electrical Engineering** **Feb.2009~Present**
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea
 - **B.S., Electrical Engineering** **Mar.2004~Feb.2009**
Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea

EXPERIENCES

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- **Internship at Tmax Software, Bundang, South Korea** **Jun.2008~Aug.2008**
 - Summer internship at Software Maker Company
 - Awarded a excellence internship worker prize

COMPUTER AND LANGUAGE SKILLS

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- Operations systems : DOS, Windows, UNIX
 - Software: MS Office, MATLAB, ORIGIN, and many others.
 - English Proficiency : TOEIC – 795 (Feb. 2008)

EXTRACURRICULAR ACTIVITIES

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- **Member of “KAPEX”, the SoC design group in KAIST** **Mar.2007~Jan.2009**
 - **Participated in the 3rd UFC(Ubiquitous Fashionable Computer) Contest** **Nov.2007**
 - **Member of “Doolly”, the undergraduate basketball team in KAIST** **Mar.2004~Feb.2008**

PUBLICATIONS

Foreign Journals

- Yong-Bum Park, Maesoon Im, *Hwon Im*, and Yang-Kyu Choi, “Superhydrophobic Cylindrical Nanoshell Array”, *Langmuir*, 2010, Vol. 26, Issue 11, pp. 7661-7664
- Maesoon Im, *Hwon Im*, Joo-Hyung Lee, Jun-Bo Yoon and Yang-Kyu Choi, “A robust superhydrophobic and superoleophobic surface with inverse-trapezoidal microstructures on a large transparent flexible substrate”, *Soft Matter*, 2010, Vol. 6, Issue 7, pp. 1401-1404

Foreign Conferences

- *Hwon Im*, Yong-Bum Park, Jinkyu Suk, Maesoon Im, Cheol O Joe, and Yang-Kyu Choi, “A hemocompatible cylindrical nano-shell array with reduced effective blood contact area”, The 14th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS), Groningen, Netherlands, Oct. 3-7, 2010, Accepted
- Maesoon Im, *Hwon Im*, Dong-Haen Kim, Joo-Hyung Lee, Jun-Bo Yoon, and Yang-Kyu Choi, “Analysis of a superhydrophobic microlens array surface: as a microchannel wall for pressure drop reduction”, The 13th International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS), Vol. 1, pp. 162-164, Jeju, Korea, Nov. 1-5, 2009

HONORS AND AWARDS

- National Science & Technology Scholarship Program (2009)

REFERENCE

- **Prof. Yang-Kyu Choi** (my advisor during graduate study at KAIST)
 - Telephone : +82-42-350-3477
 - E-mail: ykchoi@ee.kaist.ac.kr