

Curriculum Vitae



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(Professor)

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WORK EXPERIENCES

- **Department Chair (Pusan National University)** Mar. 2019 ~ Present
- School of Materials Science and Engineering
- **Director (Pusan National University)** Mar. 2019 ~ Present
- Institute of Materials Technology
- **Professor (Pusan National University)** Mar. 2018 ~ Present
- School of Materials Science and Engineering
- **Associate Professor (Pusan National University)** Mar. 2013 ~ 2018
- School of Materials Science and Engineering
- **Adjunct Professor (Pusan National University)** Mar. 2013 ~ Present
- School of Converged Science, Department of Applied Hybrid Materials
- **Assistant Professor (Pusan National University)** Mar. 2009 ~ Feb. 2013
- National Core Research Center for Hybrid Materials Solution

EDUCATION

- **Postdoctoral Research Fellow (KAIST)** Mar. 2008 ~ Feb. 2009
- Department of Materials Science and Engineering
- **Ph. D. in Materials Science and Engineering** March. 2004 ~ Feb. 2008
- Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, Korea
- **M. S. in Materials Science and Engineering** March. 2002 ~ Feb. 2004
- Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, Korea
- **B. S. in Materials Science and Engineering** March. 1997 ~ Feb. 2002
- Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, Korea

RESEARCH INTERESTS & EXPERIENCES

- **Atomic Layer Deposition (ALD) Processes for Metal, Metal Nitrides & Metal Oxides**
- **ALD assisted Patterning Process**
- **Energy Conversion /Storage Materials and Devices**
- **Surface Protection of Metallic Parts**