

RESUME

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SOOMAN LIM

GRADUATE DEGREE INTENTION

- To earn a Doctoral degree in Paper and image Science and Engineering

RESEARCH TOPICS

- Computer Simulation for Printing and Paper Engineering
- Printability of ink and paper
- Gravure, Off-set, Screen printing
- Physical chemistry of paper academy
- Ink Rheology

EDUCATION

- Master of Engineering at Department of Printing and Graphic Arts Engineering in Pukyong National University on 26 Feb. 2008
- Bachelor of Engineering at Department of Printing and Graphic Arts Information Engineering in Pukyong National University on 24 Feb. 2006
- Graduated from Milyang high school on 10 Feb. 1999

QUALIFICATIONS

- Obtained the Certificate of Printing Engineer; Approved by the Technique Qualification of Korea on Nov. 2005
- Obtained the Certificate of Plate Making Engineer; Approved by the Technique Qualification of Korea on Aug. 2005
- Obtained the Certificate of Computer-Graphic Engineer; Approved by the Technique Qualification of Korea on Apr. 2000
- Obtained the Certificate of Printing Teacher; Approved by the Ministry of Education of Korea on Oct. 2005
- Obtained the Certificate of power- point(2000); Approved by the Microsoft company on Aug. 2005
- Obtained the Certificate Taekwondo Instructor; Approved by Kukkiwon on Mar. 2004
- Obtained the Certificate of Taekwondo Referee; Approved by Kukkiwon on Apr. 2003

WORK EXPERIENCES

- Research Assistant of Pukyong National University from Mar. 2006 to 2008.
- Teaching Assistant of printing materials at department of Printing and Graphic Arts Information Engineering from Mar. 2006 to 2008.
- Internship – ADIDAS OEM factory in Indonesia for three months
- Be awarded a service prize in recognition for meritorious service for a program of Pukyong Academy for success in spoken English from June 27, 2005 to July 22, 2005
- Coaching Taekwondo as an instructor in the Korean Army from Sep, 2000 to Nov, 2002
- Volunteer work of “Korean traditional Parade” at Busan city

on May. 2006

- Researcher at Women Into Engineering(WIE) Program in Pukyong National University from 2006 to 2008.

TECHNICAL SKILLS

- Operating Fluent simulation tools; Gambit, Poly-data, Ploy-flow, Field-View. It's an engineering design and analysis tool. It provides engineers researching the fluid dynamics with multiphysics capabilities.
- Teaching 3D-Flow tools to an department students; This simulation program gives engineers valuable insight into many physical flow process with special capabilities for accurately predicting free surface flows.
- Operating IGT tester(C1,G1,F1); printability tester

PUBLICATIONS

- S. M. Lim, J. T. Youn and K. H. Kim, "Computer simulation of ink flow in the conventional gravure cell", J. Korea Printing Society, vol 25(1), pp. 109 ~ 120 (2007)
- S. J. Park , S. M. Lim and J. T. Youn, " Simulation of ink transfer in the printing nip", J. Korea Printing Society, vol 25(1), pp. 53 ~ 64 (2007)
- J. T. Youn and S. M. Lim "Computer simulation for dot formation on paper in the gravure", Submitted to Korean Society for Imaging Science and Technology
- S. M. Lim, J. T. Youn ,Y. S. Lee, and Y. B. Seo and J. Yang, " A study on the printability of the paper made from red algae pulp(RAP)", Submitted to J. Korea Printing Society
- J. S. Mok, J. T. Youn and S. M. Lim " A study on the void free by

vacuum printing method in PCB ", Submitted to Korean Society for
Imaging Science and Technology