*Ph.D.*

# Hojoong Jung

Ph. D. Candidate
Department of Electrical Engineering, Yale University,
15 Prospect Street Rm.501, New Haven, CT, 06511, USA
Tel: (203) 436-2175 Moblie: (520) 401-9868 Email: hojoong.jung@yale.edu

## QUALIFICATIONS

- 6 years of experience in silicon nanophotonics. Nonlinear optical devices design with Cadence and Matlab, simulation with COMSOL, fabrication with E-beam lithography and characterization with high power laser.
- 2 years of experience in fiber optics, including optical fiber fabrication with drawing tower.

## EDUCATION

Ph. D. Candidate, Department of Electrical Engineering, Yale University, USA. 2011. 9 – present
- Advisor : Prof. Hong X. Tang

M. S. in Applied Physics, Yonsei University, South Korea. 2008. 3 – 2010. 2

B. S. in Physics, Yonsei University, South Korea. 2001. 3 – 2008. 2

## RESEARCH EXPERIENCES

Research Assistant, Department of Electrical Engineering, Yale University, USA 2011. 8 – present
- Nano photonic device simulation, design, fabrication and characterization.
- Optical frequency comb generation in AlN microring resonator.

Research Assistant, College of Optical Science, University of Arizona, USA 2010. 8 – 2011. 5
- Fourier transform infrared spectroscopy (FTIR) set up

Research Assistant, Department of Physics, Yonsei University, South Korea 2007. 11 – 2010. 5
- Fiber based photonic devices fabrication and characterization.
- Optical fiber drawing tower installation and management

## TEACHING EXPERIENCES

Teaching Assistant, Yale University, USA Spring 2013 and 2014
- Ordinary and Partial Differential Equations with Applications

Teaching Assistant, Department of Physics, Yonsei University, South Korea 2008. 3 – 2010. 2
- General physics and laboratory, Optics, Physics of photonic devices

## AWARDS AND HONORS

Yale University, Conference Travel Fellowship, CLEO-PR, South Korea, Aug 2015.
OSA, Incubic / Milton Chang Student Travel Grants, CLEO, USA, June 2014.
Outstanding Student Paper award, OSK Annual Meeting, South Korea, Feb. 2009.
Outstanding Student Paper award, Photonics Conference, South Korea, Sep. 2008.
Highest Honors Student (Top 1%), 2007.
High Honors Student (Top 3%), 2006.