

Junfeng Li

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Education

McMaster University

Hamilton, Canada

Master of Applied Science

2012 – present

Supervisor: Dr. Wei-Ping Huang, Dr. Xun Li (co-advisor)

Major: Electrical and Computer Engineering, Faculty of Engineering

Grade: GPA 11.25/12

University of Science and Technology of China (USTC)

Hefei, China

Bachelor of Science

2008 – 2012

Supervisor: Prof. Hai Ming

Major: Optics and Optical Engineering, School of Physics

Grade: GPA 3.62/4.30, Rank 7/33

Experience

Vocational

McMaster Photonics Research Lab

Research Assistant & Teaching Assistant

2012.9 – present

Passive device modeling, simulation, and design of integrated photonic devices and circuits.

USTC Institute of Photonics

Research Assistant

2011.3 – 2012.6

Tentative implementation of Augmented Reality (AR) on three-dimensional display devices.

Miscellaneous

PyPlot.jl: A graphics solution for the Julia programming language. 2012.11 – 2013.8

Magician: A fully automatic Rubik's Cube solver. 2010.6 – 2010.10

Languages

English: Intermediate

Chinese: Native

Computer Proficiency

OS: Linux/Unix, Mac OS X, Windows

Typography: L^AT_EX, Microsoft Office

Scientific Programming: MATLAB, Scipy/Numpy/matplotlib, Julia

General Programming: C/C++, CUDA, OpenCL, Python, Java, Fortran

Honors, Awards & Scholarships

- USTC Outstanding Student Scholarship (2011.10, 2010.10, 2009.10, 2008.10)
- Champion of USTC Robogame Contest (2010.10)