

CONTACT INFORMATION	79 Wen-Hua Road Yong-He District New Taipei City, Taiwan	<i>Phone:</i> 886-2-29250988 <i>Mobile:</i> 886-982-017156 <i>E-mail:</i> kiwaygo@gmail.com
EDUCATION	<b>National Taiwan University</b> , Taipei, Taiwan	
	B.S. in Computer Science & Information Engineering	<b>Sep. 2008 – Jun. 2012</b>
	<ul style="list-style-type: none"> <li>• Major GPA: 3.86/4.0</li> <li>• Undergraduate Research Project: “Lighting-By-Guide System” Advisor: Prof. Yung-Yu Chuang</li> </ul>	
	B.S. in Chemistry	<b>Sep. 2007 – Jun. 2012</b>
	<ul style="list-style-type: none"> <li>• Major GPA: 3.58/4.0</li> <li>• Bachelor Thesis: “Electronic Coherence Two-Dimensional Spectroscopy” Advisor: Prof. Yuan-Chung Cheng</li> </ul>	
	<b>Taipei Municipal Jianguo (Chien-Kuo) High School</b> , Taipei, Taiwan	
	High School Diploma	<b>Sep. 2004 – Jun. 2007</b>
HONORS AND AWARDS	<b>Poster Award for the Excellence of Undergraduate Research</b> , Dept. of Chemistry, National Taiwan University, 2011	
RESEARCH EXPERIENCE	<b>Communications and Multimedia Lab</b> , National Taiwan University	
	<i>Undergraduate Student</i>	<b>Aug. 2011 – Jun. 2012</b>
	We focused on alleviating workloads of lighting artists in 3D computer animation production through developing an efficient, effective and automatic algorithm which approximates the lighting configuration in a scene from an artistic illustration of the anticipated render. Advised by Prof. Yung-Yu Chuang.	
	<b>Theoretical Chemistry Lab</b> , National Taiwan University	
	<i>Undergraduate Student</i>	<b>Aug. 2010 – Jun. 2012</b>
	We aim at redesigning 2D electronic spectroscopy to probe electronic coherences and correlations in energy gap fluctuations. A time-nonlocal quantum master equation approach is applied to simulate and verify the feasibility of the proposition. Advised by Prof. Yuan-Chung Cheng.	
SELECTED COURSES	Digital Image Synthesis (95) Digital Visual Effects (90) Digital Image Processing (A)	Interactive Computer Graphics (95) GPU Programming (A+) Computational Photography (A)
SELECTED PROJECTS	<b>Super-Resolution Video Player</b>	
	a GPU-based video player which enhances resolution with Freeman and Fattal’s “upscaling from local self-examples” on playing	
	<b>Milktea Rendering</b>	
	a simulator which combines Jos Stam’s “stable fluid” and marching cubes algorithm to render the procedure of pouring milk into a swirling glass of black tea	
	<b>Raybomb Raytracer</b>	
	a renderer accelerated with Intel’s streaming SIMD extensions	
PARTICIPATED ACTIVITIES	Member of Digital Movie Creators’ Club, Natl. Taiwan Univ.	Sep. 2010 – Jun. 2011
	Director, Senior Musical for Dept. of Chem.	Jan. 2011 – Apr. 2011
	Co-Director of Graphic Arts, Student Association, Dept. of Chem.	Sep. 2009 – Jun. 2010
	Member of Table Tennis Team, Dept. of Chem.	Sep. 2007 – Jun. 2010