

Han-Chih Kuo

CONTACT INFORMATION	hanchihkuo@gmail.com http://andikan.me +886 915-154-208	
EDUCATION	National Taiwan University , Taipei, Taiwan M.B.A. in Information Management Thesis: <i>Designing Tangible Interactions with Portable Physical Constraints</i> Advisor: Dr. Bing-Yu Chen	2013 – 2016
	National Taiwan University , Taipei, Taiwan B.B.A. in Information Management	2009 – 2013
EXPERIENCE	Co-Founder and CTO GaussToys Inc., Taiwan	Mar. 2015 – present
	Backend Software Engineer Solda Inc., Taiwan	Sep. 2013 – Jan. 2015
	Web Service Committee OpenHCI, Taiwan	Mar. 2014 – Jul. 2014
	Lecturer and Teaching Assistant Cloud Computing-Based Services Design and Programming, National Taiwan University Instructor: Dr. Mike Y. Chen	Feb. 2014 – Jun. 2014
SKILLS	Programming Language: C/C++, Java, JavaScript/Node.js, Ruby, Swift Framework & Library: Express, Electron, Ruby on Rails, React, D3, WebSocket, Unity3D, Processing, OpenGL, OpenCV, Arduino, CoreBluetooth Database & Cloud Service: PostgreSQL, PostGIS, MySQL, MongoDB, Redis, AWS, Heroku	
AWARDS	ACM CHI 2014 Best Paper Honorable Mention Award GaussBricks: Magnetic Building Blocks for Constructive Tangible Interactions on Portable Displays.	2014
	1st Prize, 4th MOST FITI Entrepreneur Competition , Taiwan GaussToys.	2014
	1st Prize, 8th Acer Long-Term Entrepreneur Competition , Taiwan GaussToys.	2014
	1st Prize and Best Creative Award, HackNTU Hackathon , Taiwan Genki Cushion.	2014
PUBLICATIONS	Conference Papers	
	<ul style="list-style-type: none">• Han-Chih Kuo, Rong-Hao Liang, Long-Fei Lin, Bing-Yu Chen. GaussMarbles: Spherical Magnetic Tangibles for Interacting with Portable Physical Constraints. <i>Proc. ACM CHI 2016</i>, 4228–4232.• Rong-Hao Liang, Han-Chih Kuo, Bing-Yu Chen. GaussRFID: Reinventing Physical Toys with Magnetic RFID Kits. <i>Proc. ACM CHI 2016</i>, 4233–4237.• Rong-Hao Liang, Han-Chih Kuo, Liwei Chan, De-Nian Yang, Bing-Yu Chen. GaussStones: Shielded Magnetic Tangibles for Multi-Token Interactions on Portable Displays. <i>Proc. ACM UIST 2014</i>, 365–372.• Rong-Hao Liang, Liwei Chan, Hung-Yu Tseng, Han-Chih Kuo, Da-Yuan Huang, De-Nian Yang, Bing-Yu Chen. GaussBricks: Magnetic Building Blocks for Constructive Tangible Interactions on Portable Displays. <i>Proc. ACM CHI 2014</i>, 3153–3162. [Best Paper Honorable Mention Award]	
	Demo, Workshop Papers	
	<ul style="list-style-type: none">• Rong-Hao Liang, Han-Chih Kuo, Miguel Bruns Alonso, Bing-Yu Chen. GaussStudio: Designing Seamless Tangible Interactions on Portable Displays. <i>ACM TEI 2016 Studio Workshop</i>, 786–789.• Rong-Hao Liang, Han-Chih Kuo, Bing-Yu Chen. GaussStarter: Prototyping Analog Hall-Sensor Grids with Breadboards. <i>ACM UIST 2015 Demo</i>.• Rong-Hao Liang, Liwei Chan, Hung-Yu Tseng, Han-Chih Kuo, Da-Yuan Huang, De-Nian Yang, Bing-Yu Chen. GaussBricks: Magnetic Building Blocks for Constructive Tangible Interactions on Portable Displays. <i>ACM CHI 2014 Interactivity Demo & Video Showcase</i>.	
	Patents	
	<ul style="list-style-type: none">• Bing-Yu Chen, Rong-Hao Liang, Liwei Chan, Hung-Yu Tseng, Han-Chih Kuo, Da-Yuan Huang. Geometric structure analyzing method, geometric structure analyzing system, and computer program product. <i>U.S. patent</i>, US20150279096.	