

# Kevin Chiu

kevinchiu.org

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## Education

Massachusetts Institute of Technology, MIT Media Lab, Cambridge, MA – 2009 - present  
SM, PhD Track, Media Arts and Sciences

Columbia University, New York, NY – 2007 - 2009  
MS Computer Science, Computer Vision and Graphics

University of Washington, Seattle, WA – 2003 - 2007  
BS Computer Science and Engineering, Software Engineering

## Industry Experience

Researcher, Microsoft, Beijing, China – 2010 - present  
Mobile learning and user experience sampling tools. Internship with the HCI group.

Founder, Plastachio, Seattle, WA – 2009 - present  
Software and strategy consulting. In hibernation on behalf of the MIT Media Lab.

Consultant, Clixtr Inc., San Francisco, CA – 2009  
Ruby and iPhone development. Created scalable distributed messaging system in Ruby. Launched at TechCrunch 50.

Consultant, CTO, Climate Culture, New York, NY – 2008 - 2009  
Ruby on Rails development, hiring, management.

Associate Product Manager, Google, Mountain View, CA – 2007  
Internship with the Chrome browser team.

Founder, Kaison International, Bellevue, WA – 2007  
Manufacturing engineering consulting.

## Academic Experience

Research Assistant, MIT Media Lab, Cambridge, MA – 2009 - present  
Ongoing projects. Presentations at CVPR 2009, Siggraph 2010.

Research Assistant, Internet Real Time Laboratory, New York, NY – 2007 - 2008  
Developed custom Wii Remote presentation utility and pre-SDK iPhone QR code reader.

Research Assistant, Computer Graphics and User Interface Laboratory, New York, NY – 2008  
Markerless augmented reality for the United States Armed Forces.

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#### Research Assistant, CAVE Lab, New York, NY – 2008

Developed hardware-accelerated interactive online avatar animation system for demonstration at the 2008 IEEE Virtual Reality conference

#### Teaching Assistant, Columbia University, New York, NY – 2008

Head TA for the Advanced Internet Services graduate course

#### Research Assistant, Charles Simonyi Graphics and Imaging Laboratory, Seattle, WA – 2006 - 2007

Co-developed Photo Tourism online demo for launch at SIGGRAPH and for technology transfer to Microsoft Live Labs. <http://photosynth.com>

#### Teaching Assistant, University of Washington, Seattle, WA – 2007

Head TA for the Honors College undergraduate course on media, technology, and intellectual property.

#### Research Assistant, Sensors, Energy, and Automation Laboratory, Seattle, WA – 2004 - 2005

Co-developed theory for digital fringing field electric sensors and their application to manufacturing.

## Publications

Chiu, K.; Raskar, R., "**Computer Vision on Tap**," Computer Vision and Pattern Recognition Workshops, 2009. CVPR Workshops 2009. IEEE Computer Society Conference on , vol., no., pp. 31-38, 20-25 June 2009

Kevin G. Chiu, "**3D Image Collections on the Web**" Honors Senior Thesis, Department of Computer Science & Engineering, University of Washington, 2007.

Gabriel I. Rowe, Jun H. Yi, Kevin G. Chiu, Jason Tan, Alexander V. Mamishev, Bob Minaie, "**Fill-Front and Cure Progress Monitoring for VARTM with Auto-calibrating Dielectric Sensors**" Society for the Advancement of Material and Process Engineering, 2005.

## Referrals

"Kevin is a skilled technologist with a passion for user centered design. He was able to translate raw data from user interviews into real product changes. His experience in teaching was apparent as he could quickly explain technical issues to non-technical team members."

— **Fiona O'Donnell-McCarthy**, Clixtr, Inc.

"Kevin is exceptionally creative and enthusiastic, and a pleasure to work with. I helped advise Kevin on an undergraduate research project in computer graphics and vision, and I was very impressed with the energy and the quality of ideas he brought to the project. I very much hope to get a chance to work with him again in the future."

— **Noah Snavely**, Professor, Cornell University, worked directly with Kevin at The Charles Simonyi Graphics and Imaging Laboratory at the University of Washington

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"Kevin is a very intelligent, insightful, and hard working person. He is a pleasure to work with and I was constantly amazed at his ability to come up with unique ways to solve problems. He is very creative, and sticks with his crazy ideas through to completion."

— **Gabe Rowe**, Graduate Research, PhD, University of Washington, managed Kevin at the Sensors, Energy, and Automation Laboratory

"Kevin was an amazing TA for my class last year at the University of Washington which looked at media and technology. He is a great problem solver and has an upbeat/positive attitude--even when I had last minute changes or requests. I would not hesitate to work with him again."

— **Wanda Gregory**, Adjunct lecturer, University of Washington, managed Kevin at the University of Washington

"Kevin has lots of enthusiasm and good CS knowledge."

— **Henning Schulzrinne**, Professor, Chair of Computer Science, Columbia University

Additional referrals available upon request.