

Kevin Chiu

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EDUCATION

Massachusetts Institute of Technology

Cambridge, Massachusetts

Master of Science in Media Arts and Sciences with focus in Computational Photography

6/2011

- Research Assistant for Camera Culture with Ramesh Raskar.
- Teaching Assistant for Eccescopy with Hiroshi Ishii and Ken Perlin.
- Completed double the graduation requirements in three semesters. Published in four conferences. Submitted a patent application.

Columbia University

New York, New York

Master of Science in Computer Science with Distinction in Computer Vision and Graphics

10/2009

- Research Assistant for three labs in parallel: CAVE with Shree Nayar, IRT with Henning Schulzrinne, and CGUI with Steven Feiner.
- Teaching Assistant for Advanced Internet Services with Henning Schulzrinne.
- Simultaneously held jobs in software engineering and management consulting.

University of Washington

Seattle, Washington

Bachelor of Science in Computer Engineering with Concentration in Software Engineering

6/2007

- **Honors:** Full College Honors in Computer Engineering, Mary Gates Research Scholar
- Research Assistant for SEAL Lab with Alexander Mamishev and GRAIL Lab with Steven Seitz.
- Published a Navy-sponsored project in a materials engineering conference.
- Co-developed and launched online technology demo for SIGGRAPH 2006, resulting in the technology being featured in various news outlets including ABC, CNN, and BBC. Underlying technology was licensed to Microsoft and is now known as Microsoft Photosynth.

WORK EXPERIENCE

Microsoft

Redmond, Washington

Program Manager II

7/2011 – present

- Windows Phone Camera

Microsoft Research

Beijing, China

Research Intern, HCI group, Mentors: Desney Tan, James Landay, and Darren Edge

7/2010 – 9/2010

- Designed, developed, and deployed a location-based Mandarin language learning application for iPhone.
- Created a web service providing information updates to clients as well as administrative and data gathering tools.
- Instrumented client application for remote reconfiguration, user behavior tracking, and geolocation while dealing with sub-optimal mobile network conditions and government censorship of mapping, GPS, and other information.
- Introduced interested researchers to non-Microsoft technologies and rapid development methods.

Focal Labs (formerly Clixtr Inc.)

San Francisco, California

Intern / Consultant (for fun)

8/2009 – 8/2009

- Acted as a jack-of-all-trades in a high intensity effort to develop product to pitch at TechCrunch50.
- Worked directly with the CEO and team to design the product, prioritize features, and prepare for pitches.
- Developed distributed, multi-endpoint messaging system using Amazon, Ruby, and an SMS gateway.
- Co-developed native iPhone client.
- Accepted to TechCrunch50 and became a TechCrunch Finalist.
- Assisted in tracking and stopping time sensitive information leak.
- Progress led to a round of additional funding headed by Tim Draper at Draper Fisher Jurvetson.
- Acquired by RadiumOne in 2011.

Google

Mountain View, California

Associate Product Manager Intern, Chrome, Mentor: Brian Rakowski

6/2007 – 9/2007

- Led team effort for developer tools. Responsibilities included market research and product specification.
- Contributed supporting decisions on other features when consulted.
- Polled developers to gather statistics on web development tools for major development platforms as well as current best practices. Used the results to inform the design and development of the Chrome developer tools.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: HTML, CSS, JavaScript, Ruby, Rails, Python, OS X, Processing, Arduino, Java

Limited Technical Skills: C, C++, Objective-C, C#, Windows, Linux, Matlab / R, OpenSCAD, EAGLE, Computer-Aided Fabrication (laser cutters, CNC mills, 3D printers, molding and casting etc.), Analog Sensor Design

Interests: User Experience, HCI, Technology, Design, Rapid Prototyping, Systems Integration, Web Services, Machine Learning, Natural Language Processing, Finding Product Market Fit.

Activities: Photography, All-mountain Snowboarding