

Gerry Chu

www.gerrychu.com/portfolio

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Summary I'm a UX Designer who has created world-class iPhone, iPad, and Android apps for numerous Fortune 500 clients. I have a passion for delivering high-impact, thoughtful apps used by millions of users. I'm thoroughly familiar with the iOS human-interface guidelines (HIG). Collaborating closely with developers is vital to ensure my designs are both feasible and pixel-perfect. I also enjoy working with clients in all phases from discovery to design to delivery.

Education **University of Toronto**, Toronto, Canada
MSc, Computer Science (Human-Computer Interaction), DGP Lab, Dec. 2007
Advisor: Prof. Ravin Balakrishnan

Carnegie Mellon, Pittsburgh, PA
BS, Human-Computer Interaction, Mechanical Engineering, May 2006
Graduated with University Honors, GPA: 3.70

Employment **Übermind**, *UX Designer*, Seattle, WA, May 2011-
Created UX design wireframes for iPhone, iPad, and Android apps, as well as mobile web. Conducted lab and field user research and user testing. Ideated and sketched concepts for business development proposals. Designed the REI Snow Report app for iPhone and Android. Mentored new hires.

University of Washington, *Design Engineer*, Seattle, WA, March 2009-April 2011
Software development, visualization, CAD, and machining for the ACT hand robot. I wrote software to enable the robot's sensors and actuators to talk to each other.

Hasso Plattner Institute, *Visiting UX Researcher*, Potsdam, Germany, Nov 2008-Feb 2009
Built an FTIR touchscreen to improve touch precision by fingerprint tracking. Used pressure sensitive touchscreens to identify physical objects by weight.

Microsoft Research, *Research UX Intern*, Redmond, WA, June-Sep 2008
Designed and programmed software prototypes for NanoTouch, a very small mobile device with a touchpad on the back. Designed and ran user studies.

Microsoft Research India, *Research UX Intern*, Bangalore, India, Jan-May 2008
Performed observational field studies and created user interfaces for information dissemination to the illiterate.

Robotics Institute, *Research Assistant*, Pittsburgh, PA, 2004-2006

Xerox, *Design Engineering Intern*, Wilsonville, OR, Summer 2005

Mentor Graphics, *Web Design / Engineer Intern*, Wilsonville, OR, Summer 2001

Skills IxD – Wireframes, personas, scenarios, task analyses. Contextual inquiry, think-aloud, heuristic evaluation. Design of controlled experiments and statistical analysis.

Engineering – Solidworks, Pro/Engineer, Matlab, machining, electronics, Arduino

Programming – C#, C++, WPF/XAML, Java, Flash, Visio, Linux, HTML/PHP/SQL

Apps and Projects

For detailed information, visit www.gerrychu.com/portfolio



Publications

Gerry Chu and Tomer Moscovich. **Haptic Conviction Widgets**. In *Proceedings of GI 2009 – Graphics Interface conference*. 4 pages.

Gerry Chu, Sambit Satpathy, Kentaro Toyama, Rikin Gandhi, Ravin Balakrishnan, and S. Raghu Menon. **Featherweight Multimedia for Information Dissemination**. In *Proceedings of ICTD 2009 – the IEEE/ACM International Conference on Information and Communication Technologies and Development*. 11 pages. **Honorable Mention**.

Patrick Baudisch and **Gerry Chu**. **Back-of-device Interaction Allows Creating Very Small Touch Devices**. In *Proceedings of CHI 2009 – the ACM Conference on Human Factors in Computing Systems*. 10 pages. **CHI 2009 Best Paper Award nominee**.

Teaching Assistanceships

User Interface Design, Hasso Plattner Institute, Fall 2008

Design of Interactive Computational Media, University of Toronto, Fall 2007

The How and Why of Computing, University of Toronto, Spring 2007

Capstone Design of Games, University of Toronto, Fall 2006

Talks

Dorkbot Seattle, “Water, fountains, and interactive art”, Feb 2011

UBC, “Haptic Mousewheel and Conviction Widgets”, Aug 2007

Activities

YokyWorks, *Volunteer*, 2009-

Created communication device customized for girl with motor disabilities due to cerebral palsy.

Sweepstakes, *Mechanic*, 2002-2006.

Used composite materials to help build a vehicle for a university competition.

Oregon Watersheds, *Volunteer*, 2000-2002

Volunteered for an organization dedicated to bring fish back to urban streams.

Food Drive, *Volunteer*, 2003-2005

Organized a food drive for the Greater Pittsburgh Community Food Bank.

US Citizen