

Projects

Quin

Facebook Global Hackathon Finals 2012 Winner

Built a speech-to-text, natural language search engine for iOS 6, specifically catered for Facebook.
Contribution: Graphic components, help page HTML/CSS, NLP search training and testing.

Fall 2012

Ninjaquote

Waterloo Facebook Hackathon 2012 Winner

Created a website in 24 hours that uses past statuses to test users' knowledge of their friends.
Contribution: Layout of website components, graphics and visuals, advertising.

Winter 2012

thinkfree.ly

Velocity Venture Fund 2012 Finalist

Co-founded a startup building a visual, collaborative tool for organising information.
Contribution: Marketing research, graphics and presentation materials, networking.

Winter 2012

Introduction to Artificial Intelligence

Participated in the inaugural offering of Stanford's free AI class.
Final mark: 91.6%, Final exam: 100%

Fall 2011

Work Experience

Tenthbit, Inc.

QA Engineering Intern

Put pre-release versions of Pair for Android and iOS through a thorough testing system.
Provided direct customer support to the general public via multiple channels.

Summer 2012

Société Générale de Surveillance

Hydrometallurgy Technologist

Extracted rare earth and metals and radioactive elements using hydrometallurgical processes.
Gained experience in both bench-scale laboratory work and pilot plant operations.

Fall 2011

Environment Canada

Great Lakes Research Assistant

Carried out extraction techniques to study human markers in river and lake water.
Performed combustion analysis to measure organic and inorganic suspended solids in samples.

Winter 2011

University of Waterloo

E-Communications and Marketing Associate

Collaborated in planning events catered to prospective students.
Regularly gave tours and was an information source for Waterloo Engineering.
Upgraded the Facebook page for recruitment; membership and traffic increased 100-fold.

Summer 2010

Extracurriculars

Intramural dodgeball team (captain)	January 2014–present
Computer Science Club (executive, office staff)	May 2013–present
Waterloo Facebook Hackathon 2013 (participant)	January 2013
Brown University Crisis Simulation (Waterloo delegation member)	March 2012
Top Hat Monocle's First Hackathon (Second Place)	July 2011
<u>SE Hack Day</u> (participant, co-organiser)	2011–Present
<u>Inaugural Rube Goldberg Machine Project</u> (project leader)	Winter 2010
University of Waterloo Chemistry Laboratory Teaching Assistant	2009–2010

Awards and
Certifications

TD Bank Group Scholarship	2013–2014
Dr. Paul D. Steinhauer Scholarship	2012–2013
Georgian College MED A3 Certification	February 2011
Government of Canada Physical and Security Clearance	December 2010
The Dominion Scholarship	2009–2012
Engineering Society 'A' President's Award	March 2010
Vanna Malisani Foundation Scholarship	2008–2009
Time Person of the Year	2006

Interests

Art and Design

I strive to follow Dieter Rams' principles of good design in every project or doodle.

Languages

My native language is Korean. I know some French and Russian.

Rock Climbing

I enjoy both bouldering and top-roping. I currently work on 5.9–5.10– problems.

