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|-------------------------|--|--|---------------------------------------|
| EDUCATION               | <b>Stanford University</b>   |  |                                       |
|                         | PhD, Computer Science  | GPA: 4.0/4.0                             | Advisor: Michael Bernstein 2013 – now |
|                         | <b>Massachusetts Institute of Technology</b>   |  |                                       |
|                         | MEng, Computer Science   | GPA: 4.9/5.0                             | Advisor: Rob Miller 2012 – 2013       |
|                         | BS, Computer Science   | GPA: 5.0/5.0                             | 2008 – 2012                           |
| INDUSTRY<br>EXPERIENCE  | <b>Microsoft Research – Research Intern, Redmond</b>   | Mentor: Merrie Morris                    | Summer 2015                           |
|                         | Designed and built an educational social feed experience for teaching literacy and mathematics skills.   |  |                                       |
|                         | <b>Microsoft Research – Research Intern, Beijing</b>   | Mentor: Darren Edge                      | Summer 2014                           |
|                         | Designed and built a quiz-directed lecture viewer to improve learners’ engagement with in-video quizzes.   |  |                                       |
|                         | <b>Google – Software Engineering Intern, Mountain View</b>   | Mentor: Shumin Zhai                      | Summer 2013                           |
|                         | Designed and built novel text input methods on Android phones and tablets.   |  |                                       |
|                         | <b>Google – Software Engineering Intern, Mountain View</b>   |  | Summer 2012                           |
| RESEARCH<br>EXPERIENCE  | Designed and built a system to detect and provide definitions for specialized vocabulary in books.   |  |                                       |
|                         | <b>Google – Software Engineering Intern, Mountain View</b>   |  | Summer 2011                           |
|                         | Developed a system to predict the quality of user reviews on the Android Marketplace (now Google Play).  |  |                                       |
|                         | <b>Microsoft Corporation – Software Development Engineer Intern, Redmond</b>   |  | Summer 2010                           |
|                         | <b>Google Summer of Code – FFmpeg (Video transcoding library)</b>  |  | Summer 2009                           |
|                         | <b>Stanford HCI Group – PhD student.</b>   | Leading the following research projects: | Fall 2013 – now                       |
|                         | <p><i>TMI: Gaining Insights about How Users Behave Online</i></p> <p>TMI is an volunteer-science project where users who install our Chrome extension can learn insights about how they use the web and compare to their peers, in exchange for contributing anonymized data to our dataset.</p> <p><i>Advertisements: Repurposing Web Advertisements as Microlearning Exercises</i></p> <p>Advertisements is a Chrome extension that helps you learn vocabulary as you browse the web, by replacing advertisements with microlearning exercises.</p> <p><i>FeedLearn: Microlearning in Facebook Feeds (CHI 2015 WIP)</i></p> <p>FeedLearn is a Chrome extension that helps you learn vocabulary as you browse your Facebook feed, by inserting interactive quizzes which you can answer without leaving your feed.</p> <p><i>QuizCram: Question-Driven Video Viewing (CHI 2015 SRC)</i></p> <p>QuizCram is a viewer for MOOC lectures that enables quiz-driven video navigation and reviewing. User studies show higher engagement with quizzes and more reviewing compared to Coursera’s in-video quiz format.</p> |  |                                       |
| OPEN-SOURCE<br>PROJECTS | <b>MIT UID Group – Undergraduate/MEng research.</b>  | Led the following projects:              | Fall 2011 – Spring 2013               |
|                         | <p><i>Smart Subtitles for Foreign Language Learning (CHI 2014 full paper)</i></p> <p>Smart Subtitles is a video viewer that uses an interactive transcript to help learners learn vocabulary while viewing foreign-language videos. User learned more vocabulary when using it, compared to bilingual subtitles.</p> <p><i>GrammarVis: Visualizing the Grammar of Foreign Languages (UIST 2013 demo)</i></p> <p><i>ScreenMatch: Visual Context for Software Translators (CHI 2012 SRC)</i></p>   |  |                                       |
|                         | <b>UNetbootin (LiveUSB Creator)</b>  |  | January 2007 – now                    |
|                         | Built a utility to create bootable USB flash drives for a variety (50+) of Linux distributions.  |  |                                       |
|                         | 40 million downloads, <a href="http://unetbootin.github.io/">http://unetbootin.github.io/</a>  |  |                                       |
|                         | <b>Wubi (Ubuntu Installer for Windows)</b>   |  | November 2006 – August 2007           |
|                         | Built the first versions of Wubi, which allows Windows users to safely install Ubuntu without repartitioning. Now part of Ubuntu and ships on the official Ubuntu CD, <a href="http://wubi.sourceforge.net/">http://wubi.sourceforge.net/</a>  |  |                                       |

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| CONFERENCE PAPERS  | <b>Geza Kovacs</b> and Robert C. Miller. “Smart Subtitles for Vocabulary Learning.” ACM annual conference on Human Factors in Computing Systems (CHI) 2014, Full Paper.   |
| EXTENDED ABSTRACTS | Stanford Crowd Research Collective. “Daemo: A Self-Governed Crowdsourcing Marketplace”. ACM Symposium on User Interface Software and Technology (UIST) 2015, Poster (to appear).  |
|                    | <b>Geza Kovacs.</b> “FeedLearn: Using Facebook Feeds for Microlearning.” ACM annual conference on Human Factors in Computing Systems (CHI) 2015, Extended Abstracts.  |
|                    | <b>Geza Kovacs.</b> “QuizCram: A Question-Driven Video Studying Interface.” ACM annual conference on Human Factors in Computing Systems (CHI) 2015, Extended Abstracts.   |
|                    | Joseph Jay Williams, <b>Geza Kovacs</b> , Caren Walker, Samuel G Maldonado, Tania Lombrozo. “Learning Online via Prompts to Explain.” ACM annual conference on Human Factors in Computing Systems (CHI) 2014, Extended Abstracts.   |
|                    | <b>Geza Kovacs</b> and Robert C. Miller. “Foreign Manga Reader: Learn Grammar and Pronunciation while Reading Comics.” ACM Symposium on User Interface Software and Technology (UIST) 2013, Demo.   |
|                    | <b>Geza Kovacs.</b> “Smart Subtitles for Language Learning.” ACM annual conference on Human Factors in Computing Systems (CHI) 2013, Extended Abstracts.  |
|                    | <b>Geza Kovacs.</b> “ScreenMatch: providing context to software translators by displaying screenshots.” ACM annual conference on Human Factors in Computing Systems (CHI) 2012, Extended Abstracts.   |
| TEACHING           | <p><b>Teaching Assistant – Natural Language Processing (6.863) at MIT</b> <span style="float: right;"><i>Fall 2012</i></span><br/> Helped write assignments, managed the course infrastructure, and graded assignments. I developed new tools to make the assignment grading process faster, semi-automatic, and paper-free.</p> <p><b>Instructor – Introduction to C++ IAP (6.096) at MIT</b> <span style="float: right;"><i>January 2011</i></span><br/> Gave lectures, helped write and grade assignments, and helped students in lab for a student-run, for-credit introductory C++ course. The teaching materials I produced have been made available on OpenCourseWare: <a href="http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011">http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011</a></p> <p><b>Software Director – Maslab Autonomous Robotics Competition at MIT</b> <span style="float: right;"><i>January 2011</i></span><br/> As the software director for the competition, I gave the software-related lectures, managed the software for the competition, and helped students in lab.</p> |
| AWARDS             | National Defense Science and Engineering Graduate Fellowship, 2013-2016<br>NSF Graduate Research Fellowship (declined in favor of NDSEG), 2013<br>1 <sup>st</sup> place, Most Useful, ACM UIST (User Interface Software and Technology) Student Innovation Contest 2012<br>1 <sup>st</sup> place, ACM CHI (Conference on Human Factors in Computing Systems) Student Research Competition 2012<br>1 <sup>st</sup> place, MIT Maslab Autonomous Robotics Competition 2010  |