

EDUCATION	Stanford University PhD, Computer Science. GPA: 4.0/4.0	September 2013 – present
	Massachusetts Institute of Technology MEng, Computer Science. GPA: 4.9/5.0 BS, Computer Science and Engineering. GPA: 5.0/5.0	September 2012 – June 2013 September 2008 – June 2012
	Stanford HCI Group	Fall 2013 – ongoing
RESEARCH	FeedLearn: Microlearning in Facebook Feeds FeedLearn helps you learn vocabulary as you browse your Facebook feed. It inserts interactive quizzes which you can answer without leaving your feed.	
	QuizCram: Question-Driven Video Viewing QuizCram is a viewer for MOOC lectures that enables quiz-driven video navigation and reviewing. Materials can be generated from existing in-video quizzes on Coursera.	
	MIT CSAIL – User Interface Design Group	Fall 2011 – Spring 2013
	Smart Subtitles for Foreign Language Learning Smart Subtitles lets you learn vocabulary while you watch foreign-language dramas. It features an interactive transcript with mouse-over definitions and dialog-based navigation.	
	GrammarVis: Visualizing the Grammar of Foreign Languages GrammarVis lets you interactively explore the syntactic structure of sentences.	
	ScreenMatch: Visual Context for Software Translators ScreenMatch matches translatable strings to screenshots, to illustrate how they are used in the software.	
	Microsoft Research – Research Intern, Beijing Designed and implemented a novel quiz-directed lecture viewing system.	Summer 2014
WORK EXPERIENCE	Google Research – Software Engineering Intern, Mountain View Designed and implemented novel ways to input text on Android.	Summer 2013
	Google – Software Engineering Intern, Mountain View Designed and implemented a system to detect and provide definitions for specialized vocabulary in books.	Summer 2012
	Google – Software Engineering Intern, Mountain View Developed a system that predicts how helpful a given user review on the Android Marketplace is. It has been deployed and is currently being used to display reviews on Google Play.	Summer 2011
	Microsoft Corporation – Software Development Engineer Intern, Redmond Implemented the Intellisense API and Visual Studio code completion plugin for a new programming language	Summer 2010
	Google Summer of Code – FFmpeg (Video transcoding library) Developed a playlist and concatenation API and parsers for several playlist formats for FFmpeg.	Summer 2009
	UNetbootin (LiveUSB Creator) Built a utility to create bootable USB flash drives for a variety (50+) of Linux distributions. 40 million downloads, http://unetbootin.sourceforge.net/	January 2007 – present
OPEN-SOURCE PROJECTS	Wubi (Ubuntu Installer for Windows) Built the first versions of the Windows-based Ubuntu Installer, which allows Windows users to safely install Ubuntu Linux without repartitioning. This work is now part of Ubuntu. Ships on the official Ubuntu CD, http://wubi.sourceforge.net/	November 2006 – August 2007

TEACHING

Teaching Assistant – Natural Language Processing (6.863) at MIT

Fall 2012

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.

Instructor – Introduction to C++ IAP (6.096) at MIT

January 2011

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:

<http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-096-introduction-to-c-january-iap-2011>

Software Director – Maslab Autonomous Robotics Competition at MIT

January 2011

As the software director for the competition, I gave the software-related lectures, managed the software for the competition, and helped students in lab.

PUBLICATIONS

Geza Kovacs. “QuizCram: A Question-Driven Video Studying Interface.” ACM annual conference on Human Factors in Computing Systems (CHI) 2015, Extended Abstracts (to appear).

Geza Kovacs and Robert C. Miller. “Smart Subtitles for Vocabulary Learning.” ACM annual conference on Human Factors in Computing Systems (CHI) 2014, Full Paper.

Geza Kovacs 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.

Geza Kovacs. “Smart Subtitles for Language Learning.” ACM annual conference on Human Factors in Computing Systems (CHI) 2013, Extended Abstracts.

Geza Kovacs. “ScreenMatch: providing context to software translators by displaying screenshots.” ACM annual conference on Human Factors in Computing Systems (CHI) 2012, Extended Abstracts.

AWARDS

National Defense Science and Engineering Graduate Fellowship, 2013-2016

NSF Graduate Research Fellowship (declined in favor of NDSEG), 2013

1st place, Most Useful, ACM UIST (User Interface Software and Technology) Student Innovation Contest 2012

1st place, ACM CHI (Conference on Human Factors in Computing Systems) Student Research Competition 2012

1st place, MIT Maslab Autonomous Robotics Competition 2010

Updated on January 30, 2015. Latest version: <http://www.gkovacs.com/resume.pdf>