Geza	<b>Kovacs</b>
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EDUCATION	Stanford University Massachusetts Institute of Technology	PhD BS+MEng	Computer Science Computer Science	GPA: 4.0/4.0 GPA: 5.0/5.0	2013 – now 2008 – 2013	
INDUSTRY EXPERIENCE	Microsoft Research – Research Intern, R Microsoft Research – Research Intern, B		_		Summer 2015 Summer 2014	
	<b>Google Research</b> – Software Engineering Developed a machine learning system for	-		or use in Android	Summer 2013 linput methods.	
	<b>Google</b> – Software Engineering Intern, M Developed an NLP system to detect vocal			book text (used	Summer 2012 MapReduce).	
	<b>Google</b> – Software Engineering Intern, M Developed a machine learning system to p			now deployed on	Summer 2011 Google Play.	
	<b>Microsoft</b> – Software Development Engin <b>Google</b> – Summer of Code – worked on F				Summer 2010 Summer 2009	
RESEARCH HIGHLIGHTS	Large-scale Data Science Experiments HabitLab ( https://habitlab.stanford.edu) is a that I built. I have used it to conduct a var • Predicted changes in users' interven • Analyzed time redistribution effects • Analyzed effects of rotating interve • Personalized interventions to each to • Predicted time spent on webpages, b	an online experiety of data so tion preferences caused by in- entions on effections on effections	erimentation platform sience experiments an ees over time (using LS terventions (using mi- activeness and attrition effectiveness (using r	with 12,000+ dad machine learni STM networks; Exed models; R/Par (cox regression einforcement learning)	aily active users ng work: Python/PyTorch) ython/SciPy) and LMM; R) arning; Python)	
	Effects of In-Video Quizzes on MOOC Le     A large-scale data mining analysis analyzing effects of in-video quizzes.	of Coursera's	in-video interaction le	ogs in Machine L	earning courses,	
OPEN-SOURCE PROJECTS	UNetbootin (LiveUSB Creator) – http://unetbootin.github.io/ https://en.wikipedia.org/wiki/UNetbootin 40 million downloads. UNetbootin creates bootable USB flash drives for various (50+) Linux distributions.					
	Ubuntu Installer for Windows (Wubi) https://en.wikipedia.org/wiki/Wubi_(software) Now part of Ubuntu. Built the first versions of Wubi, which allows Ubuntu to be installed from Windows.					
TEACHING EXPERIENCE	Natural Language Processing (6.863) at Human Computer Interaction Research (C Understanding Users (CS 377U) at Stanfo	CS 376) at Sta	nford – Teaching Ass	istant	Fall 2012 Fall 2018 Spring 2019	
RELEVANT COURSEWORK	<b>Deep Learning</b> (CS 230), <b>Natural Language Processing</b> (6.864, 6.863), Artificial Intelligence (6.034), Dat Mining (CS 224w), Statistical Models (6.804), Statistics (18.440), Linear Algebra (18.700), Security (6.857) Bioinformatics (6.047), HCI (6.803), Algorithms (6.006, 6.046), Linguistics (24.900), Compilers (CS 143)					
SKILLS AND TECHNOLOGIES	Programming: Python, R, JavaScript, Java, C, C++, C#, Scala, Ruby, CoffeeScript, LiveScript, Haskell, Bash Machine Learning: PyTorch, scikit-learn, Keras, TensorFlow, Deep Learning (RNN/LSTM/CNN/GAN), RL Natural Language Processing: NLTK, skip-grams, word2vec, GloVe, Attention Networks, HMM, PCFG Data Mining: NumPy, SciPy, Pandas, NetworkX, Hadoop, MapReduce, H2O, SQL, NoSQL (MongoDB/Redis) Data Science: Mixed models, Survival analysis, Experiment design, A/B testing, Multi-armed bandits, mTurk Data Analysis: Jupyter, RStudio, Visualization (D3.js/ggplot2/Plotly/Bokeh), Clustering, Sentiment Analysis Full-Stack Engineering: Node.js, Flask, MongoDB, Redis, PostgreSQL, Flow, TypeScript, Webpack, EC2 Web + Mobile: HTML/CSS/JS, Polymer, React, Android (Java, Cordova, NativeScript), Responsive Design					
AWARDS AND HONORS	Stanford Human-Centered AI Grant (for r National Defense Science and Engineerin National Science Foundation Graduate Re 1 <sup>st</sup> place, Most Useful, ACM UIST (User 1 <sup>st</sup> place, ACM CHI (Conference on Human	g Graduate Fe esearch Fellov Interface Softw	ellowship, 2013 vship, 2013 are and Technology) Str	udent Innovation		

 $1^{st} \ place, \ ACM \ CHI \ (Conference \ on \ Human \ Factors \ in \ Computing \ Systems) \ Student \ Research \ Competition, \ 2012$ 

1st place, MIT Autonomous Robotics Competition (Maslab), 2010

JOURNAL AND Conference PAPERS

Geza Kovacs, Drew Mylander Gregory, Zilin Ma, Zhengxuan Wu, Golrokh Emami, Jacob Ray, Michael Bernstein. "Conservation of Procrastination: Do Productivity Interventions Save Time Or Just Redistribute It?" ACM annual conference on Human Factors in Computing Systems (CHI) 2019.

Geza Kovacs, Zhengxuan Wu, Michael Bernstein. "Rotating Online Behavior Change Interventions Increases Effectiveness But Also Increases Attrition." ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) 2018.

Rajan Vaish, Neil Gaikwad, Geza Kovacs, Andreas Veit, Ranjay Krishna, Imanol Arrieta Ibarra, Camelia Simoiu, Michael Wilber, Serge Belongie, Sharad Goel, James Davis, Michael Bernstein. "Crowd Research: Open and Scalable University Laboratories." ACM Symposium on User Interface Software and Technology (UIST) 2017.

Kiley Sobel, Geza Kovacs, Galen McQuillen, Andrew Cross, Nirupama Chandrasekaran, Nathalie Riche, Ed Cutrell, Meredith Morris. "EduFeed: A Social Feed to Engage Preliterate Children in Educational Activities." ACM annual conference on Computer Supported Collaborative Work (CSCW) 2017.

Geza Kovacs. "Effects of In-Video Quizzes on MOOC Lecture Viewing." ACM annual conference on Learning at Scale (L@S) 2016.

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

PEER-REVIEWED EXTENDED **ABSTRACTS** 

Stanford Crowd Research, Geza Kovacs, Rajan Vaish, Michael Bernstein. "Daemo: A Self-Governed Crowdsourcing Marketplace". ACM Symposium on User Interface Software and Technology (UIST) 2015, Poster.

Geza Kovacs. "FeedLearn: Using Facebook Feeds for Microlearning." ACM annual conference on Human Factors in Computing Systems (CHI) 2015, Extended Abstracts.

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

Joseph Jay Williams, Geza Kovacs, 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.

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.

PRESS COVERAGE HabitLab FOR MY PROJECTS

Wired: HabitLab Browser Extension Curbs Your Time Wasted on the Web (Jan 28, 2019) The New York Times: Finding it Hard to Focus? Maybe It's Not Your Fault (Aug 14, 2018) Lifehacker: Be More Mindful of the Time You Waste Online With HabitLab (Aug 5, 2018)

### Crowd Research / Daemo

Wired: Amazon Mechanical Turk Workers Have Had Enough (Aug 23, 2017)

#### UNetbootin

Forbes: How To Try Linux Without Making Any Changes To Your PC (Sep 18, 2018) Lifehacker: How to Get Started With the Ubuntu Linux Distro (Nov 17, 2017)

## Wubi

Ars Technica: Wubi arrives: a look at Ubuntu 8.04 alpha 5 (Feb 24, 2008)

Lifehacker: Install Ubuntu on a Windows Netbook, No Partitioning Needed (May 19, 2010)