

Ryo Suzuki

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DLC 170, University of Colorado Boulder, Boulder CO 80302

EDUCATION

Ph.D student in Computer Science, University of Colorado Boulder *August 2015 - Present*
M.A in Economics, University of Tokyo *March 2013*
GPA: 3.9, Top 5% (A+) in Machine Learning, Microeconomics, and Macroeconomics
B.Eng in Engineering, Tokyo Institute of Technology *March 2011*
GPA: 3.9

RESEARCH EXPERIENCE

University of Colorado Boulder HCI Group *August 2015 - Present*
Advisor: Tom Yeh and Mark D. Gross
UC Berkeley BiD Group *May 2016 - August 2016*
Advisor: Bjoern Hartmann
Stanford University HCI Group *May 2015 - August 2015*
Advisor: Michael S. Bernstein
University of Tokyo IIS-Lab *September 2014 - May 2015*
Advisor: Koji Yatani
AIST Media Interaction Group *January 2015 - March 2015*
Advisor: Jun Kato

PUBLICATIONS

Ryo Suzuki, Abigale Stangl, Mark D Gross, Tom Yeh, “*FluxMarker: Enhancing Tactile Graphics with Dynamic Tactile Markers.*”, Proceedings of the International ACM SIGACCESS Conference on Computers and Accessibility. ACM, 2017. (ASSETS’17, acceptance rate: 26%)

Ryo Suzuki, Gustavo Soares, Andrew Head, Elena Glassman, Ruan Reis, Melina Mongiovi, Loris D’Antoni, Bjoern Hartmann, “*TraceDiff: Debugging Unexpected Code Behavior Using Trace Divergences.*”, Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing. IEEE, 2017. (VL/HCC’17, acceptance rate: 29%)

Andrew Head, Elena Glassman, Gustavo Soares, **Ryo Suzuki**, Lucas Figueredo, Loris D’Antoni, Bjoern Hartmann, “*Writing Reusable Code Feedback at Scale with Mixed-Initiative Program Synthesis.*”, Proceedings of the ACM Conference on Learning at Scale. ACM, 2017. (L@S’17, acceptance rate: 22%)

Reudismam Rolim, Gustavo Soares, Loris D’Antoni, Oleksandr Polozov, Sumit Gulwani, Rohit Gheyi, **Ryo Suzuki**, Bjoern Hartmann, “*Learning Syntactic Program Transformations from Examples.*”, Proceedings of the International Conference on Software Engineering. IEEE, 2017. (ICSE’17, acceptance rate: 19%)

Ryo Suzuki, Niloufar Salehi, Michelle S. Lam, Juan C. Marroquin, Michael S. Bernstein, “*Atelier: Repurposing Expert Crowdsourcing Tasks as Micro-internships.*”, Proceedings of the CHI Conference on Human Factors in Computing Systems. ACM, 2016. (CHI’16, acceptance rate: 23%)

POSTERS, DEMOS, AND WORKSHOP PAPERS

Ryo Suzuki, Gustavo Soares, Elena Glassman, Andrew Head, Loris D 'Antoni, Bjoern Hartmann, "Exploring the Design Space of Automatically Synthesized Hints for Introductory Programming Assignments.", Proceedings of the CHI Conference on Human Factors in Computing Systems. ACM, 2017. (CHI'17 Late-Breaking Work)

Stanford Crowd Research Collective (For the full author list, please see the publication), "Daemo: A Self-Governed Crowdsourcing Marketplace.", Proceedings of the Annual ACM Symposium on User Interface Software and Technology. ACM, 2015. (UIST'15 Poster)

Ryo Suzuki, "Toward a Community Enhanced Programming Education.", Proceedings of the CHI Conference on Human Factors in Computing Systems. ACM, 2015. (CHI'15 Workshop)

Ryo Suzuki, "Interactive and Collaborative Source Code Annotation.", Proceedings of the International Conference on Software Engineering. IEEE, 2015. (ICSE'15 Poster)

Ryo Suzuki, "Network Thresholds and Multiple Equilibria in the Diffusion of Content-based Platforms.", Proceedings of the International Conference on Web and Internet Economics. Springer, 2014. (WINE'14 Poster)

AWARDS AND HONORS

Nakajima Foundation Scholarship	<i>November 2014</i>
KAKENHI Grants-in-Aid for Scientific Research	<i>April 2013</i>
JSPS Research Fellow DC1	<i>April 2013</i>
JASSO Fellow (Total Exemption for Particularly Outstanding Students)	<i>March 2013</i>
Tohso Foundation Scholarship	<i>April 2010</i>
Business Model Competition Japan 2014 Microsoft Award	<i>February 2014</i>
Tech Crunch Disrupt Tokyo 2013 Finalist	<i>November 2013</i>
1st Prize Winner of University of Tokyo Entrepreneur Dojo	<i>October 2012</i>

TEACHING EXPERIENCE

Teaching Assistant at University of Colorado Boulder Soft Robotics for Prof. Mark D. Gross	<i>January 2017 - May 2017</i>
Teaching Assistant at University of Tokyo Microeconomic Policy (Graduate) for Prof. Dan Sasaki	<i>October 2012 - February 2013</i>
Teaching Assistant at International Christian University Statistics (Undergraduate) for Prof. Takuya Kaneko	<i>October 2012 - February 2013</i>
Teaching Assistant at University of Tokyo Mathematics II (Graduate) for Prof. Kazuya Kamiya	<i>April 2012 - August 2012</i>
Teaching Assistant at Tokyo Institute of Technology Advanced Macroeconomics (Graduate) for Prof. Takumi Naito	<i>October 2010 - February 2011</i>

WORK EXPERIENCE

CTO at Dada, Inc Development of Samenos (http://samenos.com), a platform for artists, creators, and designers.	<i>August 2012 - March 2014</i>
Software Engineer at Howtelevision, Inc Development of iOS application for Gaishishukatsu.com (http://gaishishukatsu.com).	<i>December 2011 - December 2012</i>
Data Analyst at Manavee Analysis of user data at Manvee (http://manavee.com), a MOOC for high school students in Japan.	<i>January 2012 - March 2012</i>

TECHNICAL SKILLS

Programming Languages	Node.js/JavaScript, C/C++, Python, Ruby, Objective-C
Development Framework	OpenGL, WebGL, OpenCV, Tensorflow, React
Tools	OnShape, Solidworks, Adobe Illustrator, Adobe After Effects
Electronics	Altium Designer, Eagle