

YOSUKE MIZUTANI

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RESEARCH INTERESTS

Graph theory, computational complexity theory, and functional programming.

EDUCATION

University of Utah , Salt Lake City, UT, USA	August 2020 – present
Ph.D. in Computer Science / Advisor: Blair Sullivan	
NC State University , Raleigh, NC, USA	August 2017 – May 2020
B.S. in Computer Science with a minor in Mathematics / Summa Cum Laude	

RESEARCH EXPERIENCE

NC State University , Raleigh, NC, USA – <i>Undergraduate Student Researcher</i>	January 2020 – May 2020
<ul style="list-style-type: none"> Advisors: Matthias Stallmann and Aissa Oudjit The minimum independent dominating set problem; developing an exact solver 	
NC State University , Raleigh, NC, USA – <i>Undergraduate Student Researcher</i>	January 2018 – May 2018
<ul style="list-style-type: none"> Advisors: Matthias Stallmann and Aissa Oudjit Facility location problems, including the p-median problem; integer programming 	
The Institute of Statistical Mathematics , Tokyo, JAPAN – <i>Researcher</i>	August 2015 – December 2015
<ul style="list-style-type: none"> Bibliometrics; data analysis of co-authoring relationship between ten years' published research papers 	

WORK EXPERIENCE

Demand Side Science Co., LTD. , Tokyo, JAPAN – <i>CTO / Senior Vice President / Full-stack Engineer</i>	April 2013 – November 2015
Nihon System Design Co., LTD. , Tokyo, JAPAN – <i>Chief Server Engineer</i>	December 2003 – March 2013
Square Co., LTD. , Tokyo, JAPAN – <i>Quality Assurance Engineer</i>	January 2000 – November 2003

PUBLICATION

- Yuji Mizukami, Yosuke Mizutani, Keisuke Honda, Shigenori Suzuki, Junji Nakano. “An international research comparative study of the degree of cooperation between disciplines within mathematics and mathematical sciences: proposal and application of new indices for identifying the specialized field of researchers.” *Behaviormetrika*, 2017.

MAJOR PRESENTATIONS

International IBM Cloud Academy Conference (ICA CON)	May 2018
<i>An Analysis of Abstract Texts of Academic Papers Using Watson Natural Language Understanding</i>	
ISM High Performance Computing Conference (HPCCon)	October 2015
<i>A Network Analysis for Relationship of Researchers based upon the Co-authored Information and Other Attributes on "Web of Science" using Apache Spark and GraphX</i>	
Scala Days 2015 San Francisco Unconference	March 2015
<i>Ad Tech × Scala × Performance Tuning</i>	