Curriculum Vitae

Genya Ishigaki

Ph.D. student (Computer Science)
Advanced Network Research Lab
Dept. of Computer Science
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Education

August, 2016 -	Ph.D. student (Computer Science) at the University of Texas at Dallas Erik Jonsson School of Engineering & Computer Science under the guidance of Prof. Jason P. Jue
March, 2016	Master of Science in Engineering from Soka University (Computer Science major) GPA **4.0** / 4.0, working in Networking Lab
March, 2014	Bachelor of Science in Engineering from Soka University (Computer Science major) GPA **3.95** / 4.0, working in Networking Lab
Summer, 2013	Visiting student researcher at the University of California, Irvine under the guidance of Prof. Lubomir Bic

Experiences

2015 -	IEEE Tokyo Young Professionals (YPs) committee
2014 - 2016	Teaching Assistant at Soka University (Introduction to programming, Linear programming, Graph theory seminar)

Research Interests

Network Design, Graph Theory, Distributed Algorithms, Combinatorial optimization

Honors and Awards

Full Scholarship for Ph.D. Study funded by Jpn. Govt. (full tuition and living expenses for 3 years)

Full Scholarship for Master Study funded by JASSO (for 2 years)

NEC C&C Foundation Travel Grant (2nd term of Fiscal 2015) for ICNC2016

Award for Excellence (student) of Technical Committee on Circuits and Systems, IEICE ES Society (2014)

Top Graduate of Dept. of Information Systems Science (class of 2014, Soka University)

Tuition Merit Scholarship from Soka University (2010 - 2014)

Honor Student of Soka University (2010, 2011, 2012, 2013)

Selected Publications

1. **Genya Ishigaki**, Masao Yoshida, Norihiko Shinomiya, "*On maximizing tree reliability based on minimum diameter spanning tree,*" Circuits and Systems (APCCAS), 2014 IEEE Asia Pacific Conference on, Nov. 2014.

2. **Genya Ishigaki**, Norihiko Shinomiya, "*Distributed Network Flow Optimization Algorithm with Tie-set Control based on Coloring for SDN,*" Computing, Networking and Communications (ICNC), 2015 International Conference on, Feb. 2015.

3. **Genya Ishigaki**, Norihiko Shinomiya, "*Controller placement algorithm to alleviate burdens on communication nodes,*" Computing, Networking and Communications (ICNC), 2016 International Conference on, Feb. 2016.

4. **Genya Ishigaki**, Norihiko Shinomiya, "*On Composing a Resilient Tree in a Network with Intermittent Links Based on Stress Centrality,*" Computers and Communication (ISCC), 2016 IEEE Symposium on, Jun. 2016.

Computer Skills

Java, Python, C, JavaScript, MySQL, Lua, TeX

Languages

TOEFL iBT **105** (October, 2015), TOEIC **960** (December, 2014), Native speaker of Japanese

Reference

Jason P. Jue Ph.D.
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