

## Yongho Shin

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<b>Current Position</b>	Graduate student, Yonsei University, South Korea Advisor: Hyung-Chan An	Mar 2018 - present
<b>Education</b>	B.S. in Computer Science, Yonsei University, South Korea Awarded <i>high honors at graduation</i>	Feb 2018
<b>Research Interests</b>	Combinatorial optimization Approximation algorithms Online algorithms and competitive analysis Theoretical computer science	
<b>Research Papers</b>	K. Kim, Y. Shin, and H.-C. An. Constant-factor approximation algorithms for parity-constrained facility location and $k$ -center. <i>Algorithmica</i> , 2022. K. Kim, Y. Shin, and H.-C. An. Constant-factor approximation algorithms for the parity-constrained facility location problem. In <i>ISAAC 2020: Proceedings of the 31st International Symposium on Algorithms and Computation</i> , pages 21:1-21:17, 2020.  Y. Shin and H.-C. An. Making three out of two: three-way online correlated selection. In <i>ISAAC 2021: Proceedings of the 32nd International Symposium on Algorithms and Computation</i> , pages 49:1-49:17, 2021.  Y. Shin, K. Kim, S. Lee, and H.-C. An. Online graph matching problem with a worst-case reassignment budget. <i>arXiv preprint arXiv:2003.05175</i> , 2020.	
<b>Awards</b>	<i>High honors at graduation</i> , Yonsei University	Feb 2018
<b>Experience</b>	<i>Visiting research intern</i> , Cornell University Host: David B. Shmoys  <i>Teaching assistant</i> , Yonsei University CSI 2103 (Data structures) CSI 3108 (Algorithm analysis)  <i>Research intern</i> , Yonsei University Advisor: Hyung-Chan An  <i>Programmer</i> , Republic of Korea Air Force	Sep 2022 - Dec 2022   Spring 2018-2021 Fall 2018-2021  Jan 2017 - Feb 2018  Nov 2013 - Aug 2015