

Zhi Wang

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EDUCATION

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|---|-----------------------------|
| Ph.D. in Computer Science University of California, San Diego | 2018 - present GPA: 3.92 |
| B.S. in Computer Science University of Southern California | 2013 - 2017 GPA: 3.71 |

RESEARCH INTERESTS

Theoretical understanding of algorithmic techniques for sequential decision making.

Topics include online learning, contextual bandit, reinforcement learning, optimization theory, combinatorial search, planning, scheduling, and robotics.

PUBLICATIONS

Conference and Symposium Proceedings

Zhi Wang, Liron Cohen, Sven Koenig and T. K. Satish Kumar. 2018. The Factored Shortest Path Problem and Its Applications in Robotics. In *Proceedings of the 28th International Conference on Automated Planning and Scheduling (ICAPS-2018)*.

T. K. Satish Kumar, **Zhi Wang**, Anoop Kumar, Craig Milo Rogers and Craig A. Knoblock. 2018. Load Scheduling of Simple Temporal Networks Under Dynamic Resource Pricing. In *Proceedings of the 32nd AAAI Conference on Artificial Intelligence (AAAI-2018)*.

T. K. Satish Kumar, **Zhi Wang**, Anoop Kumar, Craig Milo Rogers and Craig A. Knoblock. 2018. On the Linear Programming Duals of Temporal Reasoning Problems. In *Proceedings of the 15th International Symposium on Artificial Intelligence and Mathematics (ISAIM-2018)*.

AWARDS AND HONORS

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| Computer Science Award for Outstanding Research, University of Southern California | 2017 |
| Magna Cum Laude at graduation, University of Southern California | 2017 |

PROFESSIONAL EXPERIENCE

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| Graduate Student Researcher University of California, San Diego | July 2018 – present |
| Research Assistant Information Sciences Institute, University of Southern California | Nov 2017 – May 2017 |
| Volunteer Research Assistant The Intelligent Decision Making (IDM) Lab, University of Southern California | Jul 2017 – Nov 2017 |

SERVICE

Conference and Symposium Reviewer

- The 11th Annual Symposium on Combinatorial Search (SoCS). 2018.

Community Service

- Student PhD Admissions Committee. Department of Computer Science and Engineering, University of California, San Diego. December 2019 - present.
- Joint Educational Project. Tutored 11th grade mathematics at the Gertz-Ressler Academy High School in Los Angeles, CA. 2014.