

# Rui Wang

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Research Scientist, HeliXon

## EXPERIENCE

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### Research Scientist

*HeliXon*

Beijing, China

*Aug. 2021 - present*

## EDUCATION

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### Purdue University

*Bachelor of Science in Computer Engineering*

West Lafayette, IN

*Aug. 2017 - May 2020*

- GPA: 3.84
- Eli Shay Scholarship
- Advisor: Prof. David I. Inouye

## PUBLICATIONS

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### Shapley Explanation Networks

*International Conference on Learning Representations (ICLR) 2021*

*Poster, May 2021*

- Contributed talk at NeurIPS 2020 workshop on Interpretable Inductive Biases and Physically Structured Learning
- **Rui Wang**, Xiaoqian Wang, David I. Inouye

### WIP: Automating Anonymous Processing of Peer Evaluation Comments

*2020 ASEE Virtual Annual Conference Content Access*

*Jun. 2020*

- Siqing Wei, **Rui Wang**, Matthew W. Ohland, Gaurav Nanda

### Natural Language Processing System for Self-Reflection and Peer-Evaluation

*Proceedings of the International Conference on Industrial Engineering and Operations Management*

*Oct. 2019*

- **Rui Wang**, Siqing Wei, Daniel Ferguson, Matthew W. Ohland

## PREPRINT

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### High-resolution de novo structure prediction from primary sequence

*Biorxiv:https://www.biorxiv.org/content/10.1101/2022.07.21.500999v1*

*July, 2022*

- Ruidong Wu\*, Fan Ding\*, Rui Wang\*, Rui Shen\*, Xiwen Zhang, Shitong Luo, Chenpeng Su, Zuofan Wu, Qi Xie, Bonnie Berger, Jianzhu Ma, Jian Peng (\* indicates equal contribution)

## FUNDING

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### Supplement Request to NSF award #1431694

*"Optimizing Student Team Skill Development Using Evidence-Based Strategies"*

*10/01/2013 – 03/31/2022*

- authoring of the proposed supplement as an undergraduate student and responded to reviewer questions in preparation for the proposal being funded for \$4,000 to support undergraduate research
- Status: Funded.
- Amount: \$4,000. (The main award was funded with \$1,861,627)
- PI: Matthew Ohland, Co-PI: Richard Layton, Misty Loughry, Daniel Ferguson, and David Woehr.

## TEACHING

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### Teaching Assistant

*Purdue University*

West Lafayette, IN

- ENGR 13100: Transforming Ideas to Innovation I
- ECE 36800: Data Structures