# Tang **Li**

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## Research Interests

I am interested in (1) Explainable Machine Learning, (2) Scientific Machine Learning, and (3) Out-of-distribution Generalization, with their applications in computer vision.

## Education

**University of Delaware** — *Newark, DE, USA*
*Ph.D. in Computer Science* — *August 2020 - Present*

**George Washington University** — *Washington, D.C., USA*
*M.S. in Computer Science* — *August 2018 - May 2020*

**East China Normal University** — *Shanghai, China*
*B.Eng. in Software Engineering* — *September 2013 - July 2017*

## Experience

**Deep-REAL Lab, University of Delaware** — *Newark, DE, USA*
*Supervised by Prof. Xi Peng* — *March 2021 - Present*

- Large-scale Spatiotemporal Scientific Data Modeling [**NeurIPS'21W, Best Paper Award**]
- Distributionally Robust Explanation for Out-of-distribution Generalization

**Computer & Information Sciences Department, University of Delaware** — *Newark, DE, USA*
*Teaching Assistant* — *August 2020 - Present*

- CISC 108 (Introduction to Computer Science), Fall2020, Spring2021, Fall2021
- CISC 181 (Introduction to Computer Science II), Spring2022
- CISC 484 (Introduction to Machine Learning), Fall2022

## Publications

*Conference Proceedings*

C1. Tang Li, Jing Gao, and Xi Peng, **"Deep Learning for Spatiotemporal Modeling of Urbanization".** In: *Proceedings of Conference on Neural Information Processing Systems (**NeurIPS**) Machine Learning in Public Health Workshop, **Best Paper Award***, 2021.

## Professional Services

*DSI Fellow*

- University of Delaware Data Science Institute (DSI), 2022-Present

## Honors & Awards

2021 **Best Paper Award,** MLPH Workshop, Conference on Neural Information Processing Systems (NeurIPS)
2022 **Distinguished Graduate Student Award,** Computer & Information Sciences, University of Delaware

## Technical Skills

**Programming Languages** Python, Java, JavaScripts, C/C++, HTML/CSS
**Frameworks** PyTorch, TensorFlow, OpenCV
**Tools and Platforms** Linux, MacOS, Windows, Git, LaTeX