# Wenwu GONG

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| RESEARCH KEYWORDS | ❏ **Tucker-based Low-rank Model** | ❏ **Tensor Learning** | |
| | ❏ **Machine Learning** | ❏ **Scientific Computing** | |
| | ❏ Spatial-temporal Data Modeling | ❏ Image Processing | |

CONTACT INFORMATION

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🐙 github.com/GongWenwuu
G Google Scholar

BIOGRAPHY

I plan to do a visiting postgraduate internship (MATH) at HKUST in Oct. 2023. In the Summer of 2024, I will finish my Ph.D. from Southern University of Science and Technology (SUSTech), where my research focuses on **Tensor Learning** and **Scientific Computing**.

OPEN-SOURCE HIGHLIGHTS
🐙 LRTL

**Open-source Contribution**: I have led an open-source project named **LRTL Methods Applications**.

EDUCATION

**Southern University of Science and Technology**      Shenzhen
*Ph.D. in Mathematics*      Sep. 2020 - Present.
- **Affiliation**: Department of Statistics and Data Science
- **Thesis**: Outlier Detection: Automation, Systems, and Applications

**Harbin Institute of Technology**      Shenzhen
*Master of Science in Mathematics*      Sep. 2018 - Sep. 2020
- **Affiliation**: *School of Mathematics*
- **Minor**: *Probability and Statistics*

**Nanchang University**      Nanchang
*Bachelor of Science in Mathematics*      Sep. 2014 - May. 2018
- **Affiliation**: *School of Mathematics and Computer Sciences*
- **Minor**: *Applied Mathematics*

PUBLICATIONS
G SCHOLAR

**Preprints & Under Submission**

1. Wenwu Gong, Zhejun Huang, Lili Yang: Manifold Regularized Tucker Decomposition Approach for Spatiotemporal Traffic Data Imputation
   **Under submission**
   **arXiv preprint arXiv:2305.06563**

**Journal Papers**

1. Wenwu Gong, Zhejun Huang, Lili Yang
   Accurate Regularized Tucker Decomposition for Image Restoration
   *Applied Mathematical Modeling*, 2023

**Conference Papers**

1. Wenwu Gong, Zhejun Huang, Lili Yang
   LSPTD: Low-rank and spatiotemporal priors enhanced Tucker decomposition for internet traffic data imputation
   *2023 IEEE Conference on Intelligent Transportation Systems* (ITSC 2023)