

Haowen Luo

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EDUCATION

**School of Geography and Planning,
Sun Yat-sen University,**
Guangzhou, Guangdong, P. R. China

- B.S. in Geographic Information Science
 - Expected - Jun 2019.
 - Cumulative GPA: 3.81.

Sep 2015 – Jun 2019

RESEARCH EXPERIENCE

Institute of Urbanization,
Sun Yat-sen University

- Research Assistant
 - Supervisors: Prof. Xun Li
 - Focus: Night time light (NTL), health geography, cellular signaling data, data analytics.

Jun 2017 – Jun 2018

Guangdong Provincial Key Laboratory of Urbanization and Geo-simulation,
Sun Yat-sen University

- Undergraduate Research Student
 - Supervisors: Prof. Zhi He and Prof. Qiuping Li
 - Focus: Transport geography, remote sensing image classification, deep learning.

Jun 2017 – Jun 2018

PUBLICATIONS

CONFERENCES

- [1] S. Liu, H. Luo, Y. Tu, Z. He*, J. Li*. “Wide Contextual Residual Network with Active Learning for Remote Sensing Image Classification.” in *IEEE International Geoscience and Remote Sensing Symposium*, Valencia, Spain, Jul 2018.

COURSE WORK

- [1] H. Luo, S. Liu, J. Leng, C. Chen, Y. Tu, M. Lu, L. Ma*. “DTrip: A Customized Trip Route Arrangement System Based on Deep Learning.” in *GIS Software Engineering, Course Code 37000369*, Jun 2018.
- [2] H. Luo, Z. He*. “Shorten Spatial-spectral RNN with Parallel-GRU for Hyperspectral Image Classification.” in *Multivariate statistical analysis, Course Code 37000365*, Jun 2018.
- [3] Y. Tu, S. Liu, J. Leng, H. Luo, X. Liu*. “Combining Urban Morphology and Satellite Images to Predict Urban Vitality, A Case Study in Guangzhou.” in *Urban GIS, Course Code 37000366*, Jun 2018.
- [4] H. Luo, H. Tao*. “Simulation of Wolf and Sheep Predation Ecosystem.” in *Object Oriented Programmer, Course Code 37000348*, Jun 2017.
- [5] S. Liu, H. Luo, A. Shayiran, T. Fu, L. Zhuo*. “A Study on Almaty Urban Development.” in *Remote Sensing Principles and Applications, Course Code 37000358*, Jun 2017.
- [6] H. Luo, X. Du*. “Kanna and Tohru, A HTML5 Game.” in *The Course of HTML5 Animation Development, Course Code 30000183*, Jun 2017.

AWARDS & FUNDING

FUNDING

- National University Student Innovation Program 2018 – 2019
 - Project name: A Research on Adaptability of Urban Population Health and Public Health System under the Background of Climate Change.
- National University Student Innovation Program 2017 – 2018
 - Project name: Detection and Prediction of Urban Traffic Congestion Based on Weibo Social Data, A Case Study in Guangzhou.
 - The program won the Honorable Mention Award in project presentation and defense.

AWARDS

- The Third-prize Scholarship in Sun Yat-sen University. 2016 – 2017
- Honorable Mention Award in the 2nd SYSU Public Governance Data Analysis Competition. Jun 2018
 - One of the top-10 awardees in the competition.
- Successful Participant in USA Mathematical Contest In Modeling Apr 2018

SKILLS Python, MATLAB, HTML, JavaScript, C/C++, T_EX, Adobe Photoshop.

TECHNICAL SITE [1] Blog: <http://blog.rimoe.xyz>.
[2] Github: <https://github.com/coderimoe>.

[Resume compiled on 2018-07-30]