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   Sep 2015 – Jun 2019
  - Expected - Jun 2019.
  - Cumulative GPA: 3.81.

RESEARCH EXPERIENCE

Institute of Urbanization,
Sun Yat-sen University

- Research Assistant   Jun 2017 – Jun 2018
  - Supervisors: Prof. Xun Li
  - Focus: Night time light (NTL), health geography, cellular signaling data, data analytics.

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

- Undergraduate Research Student   Jun 2017 – Jun 2018
  - Supervisors: Prof. Zhi He and Prof. Qiuping Li
  - Focus: Transport geography, remote sensing image classification, deep learning.

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, JavaSctipt, C/C++, TEX, Adobe Photoshop.

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

[*Resume compiled on 2018-07-30*]