

QIQING HUANG

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🎓 EDUCATION

University College London, London, UK 09/2017 – Present

- The Bartlett Centre for Advanced Spatial Analysis
- *Master of Science* in **Smart Cities and Urban Analytics**, expected September 2018
- Spatial Data Capture, Storage and Analysis; Spatio-Temporal Data Mining; Smart Cities Context, Policy and Government; Geographic Information Systems and Science; Urban Simulation

Nankai University (985 & 211 Project), Tianjin, Top 10 in China 09/2013 – 06/2017

- Zhou Enlai School of Government
- *Bachelor of Administration* in **Urban Management**, GPA: 86/100
- Urban and Regional Economics; Urban Research Methods; Advanced Mathematics; Statistics and R

National Chengchi University, Taipei, China 02/2017 – 06/2017

- Department of Land Economics
- *Exchange Student* in **Geomatics Program**
- Quantitative Analysis and Planning Methods; Computer Programming Python; Communication Positioning

University of Glasgow, Glasgow, UK 09/2015 – 06/2016

- College of Social Sciences
- *Exchange Student* in **Urban Studies**
- UK Housing Policy; UK Social and Public Policy; Transport Planning Methods

👥 PROJECTS AND EXPERIENCE

Yelp Data Visualisation Website, UCL CASA May. 2018

Python, Django, MySQL Spatial Data Capture Coursework, collaborated with Yiyang, Runsang and Kejin

A website visualising Random Forest analysis results and LDA models of Yelp data, **website entry**

I am responsible for

- Building API
- Constructing Web Framework
- Building LDA Models
- Developing Leaflet Map

Spatio-Temporal Analysis Project, UCL CASA May. 2018

R Spatio-Temporal Data Mining Coursework, collaborated with Supratim, Florian, Claudio

Using ARIMA and Machine Learning methods like RF, ANN, SVM to forecast tourist data, **read online**

I am responsible for

- Exploratory Data Analysis
- Artificial Neural Network Models for Forecasting

Urban Simulation Project, UCL CASA April. 2018

R, NetLogo Urban Simulation Coursework, individual report

Using Urban Modelling methods to explore urban issues, **read online**

- Networks Analysis is applied to identify key stations of London Underground System
- Sensitivity of Agent-Based Models of epidemic spread is tested
- Spatial Interaction Models are used to simulate commuting among 33 London Boroughs

Glasgow Urban Planning: Process and Enlightenment, Nankai University

April. 2017

Co-author Supervised by Associate Prof. Lyu Xiaokang

Published in Urban Insight, 2017 (04)

- Researching on the city development plan framework of Glasgow and effective measures taken during the process of the plan formulation
- DOI: 10.3969/j.issn.1674-7178.2017.04.007

Xujiatai Town Government, Tianjin

09/2016 – 12/2016

Intern Led by Professor Zhang Limei

The project is about Formulation of Master Plan (2016-2030) in Xujiatai, Tianjin

- Drawing current situation maps
- Summarising and analysing the current situation of town construction

Quzhou City Planning Bureau, Zhejiang

06/2016 – 09/2016

Intern Participated in Revision of Master Plan (2006-2020) and Underground Pipeline Comprehensive Plan

- Visualising Social and Demographical data within city areas
- Writing work reports for Town Construction

Tianjin Seashore New District Government, Tianjin

02/2014 – 06/2014

Intern Led by Professor Zhou Yunbo

Research into Business Costs in Seashore New District, Tianjin

- Interviewing over 320 companies through telephone with questionnaires
- Summarising and Analysing gathered data using SPSS

♥ HONOURS AND AWARDS

Equality and Ability Scholarship, Nankai University	2013-2014 & 2015-2016
Excellent Student Cadres, Nankai University	2013-2014 & 2015-2016
Outstanding Leader of Student Science and Technology Association, Nankai University	2014-2015
Hezhan Scholarship, China Science and Technology Association	2014-2015

⚙ SKILLS

- Programming Languages: R, Python
- Others: ArcGIS, Git, MySQL, NetLogo, VSC, LaTeX, Docear

📄 MISCELLANEOUS

- GitHub: <https://github.com/buyuhuang>
- Languages: English - Fluent (IELTS 7.0), Mandarin - Native speaker