

# Lewen Guo

<http://www.guolewen.me/>  
guolewen@akane.waseda.jp | +818084217926  
LinkedIn

## EXPERIENCE

### **HYAS CO. INC. | PROGRAMMER**

Oct. 2018 – | Tokyo, Japan

- Participated in developing web-based real estate agent service system, REIDARS.
- Written server-side python program to clean and convert the data into necessary format (Python Pandas SQLAlchemy).
- Used selenium to test the robustness of Reidars System and crawled the housing data from Japanese Brokerage Site (Python).
- Designed and developed Ajax URL pages for Agent's Usage (Bootstrap JQuery JS Datatables).

### **WASEDA BUSINESS SCHOOL | TEACHING ASSISTANT OF PROF. CHEUNG MING YAN WILLIAM**

Sept. 2017 – July. 2018 | Tokyo, Japan

- Collected financial data from main financial database such as Astra Manager, Reuter and Bloomberg.
- Prepared course materials for Risk Management and Derivatives.
- Assisted students in solving programming problems (Python).

## RESEARCH

### **INSTITUTE OF REAL ESTATE STUDIES | MASTER THESIS**

Feb. 2018 – August 2018 | Tokyo, Japan

Lewen Guo. "Automated Valuation Model: An Application in Japanese Rental Markets". Master of Science in Finance Thesis. Waseda University, 1-6-1 Nishi Waseda, Shinjuku-ku, Tokyo, Japan: Waseda University, 2018

Research Highlights: Crawled micro-level rental data from Japanese real estate brokage site "At Home" using BeautifulSoup and cleaned the raw data.

Supervised by Prof Kawaguchi

### **CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER**

Mar 2012 – May 2013 | Ithaca, NY

Lewen Guo et al. Effects of Serial Position on Stock Liquidity: Evidence from Japanese REIT Markets. Working Paper. Presented at Asian Real Estate Society, Vietnam Symposium in Banking and Finance, and Paris Financial Management Conference. Austin, 2018

## EDUCATION

### **WASEDA UNIVERSITY | MASTER OF SCIENCE IN FINANCE**

Sept. 2018 | Tokyo, Japan

### **HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY | BACHELOR OF MANAGEMENT IN**

INTERNATIONAL BUSINESS AND BACHELOR OF ARTS IN ENGLISH LITERATURE

July 2016 | Wuhan, China

# LANGUAGES

## PROGRAMMING

Over 3000 lines:

Python

Over 1000 lines:

R • Javascript

Familiar:

Matlab • CSS • MySQL •  $\text{\LaTeX}$

Experienced but In-Progress:

Julia • C++ • NoSQL

Often Used Libraries and Frameworks:

Python: Pandas, NumPy, Matplotlib, statsmodels, sqlalchemy, selenium, beautifulsoup, requests R: ggplot2, plm, stargazer, lme4 Javascript: vue.js, jQuery, DataTables, Bootstrap

Experienced Libraries and Frameworks:

Python: scikit-learn, Keras

## SPOKEN & WRITTEN

Native-Level:

Mandarin, Komese(Nanchangese)

Advanced-Level:

English, Japanese