

Lewen Guo

My Personal Page

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LinkedIn and Github

WORKING EXPERIENCE

HYAS CO. INC. | PROGRAMMER

Oct. 2018 – | Tokyo, Japan

- Participated in developing web-based real estate agent service system, REIDARS.
- Written server-side python programs to clean and convert messy data in .txt into necessary csv format (Python Pandas SQLAlchemy).
- Used selenium to test the robustness of Reidars System and crawled the housing data from Japanese Brokerage Site (Python).
- Used Flask to construct server-side scripts and deployed application in Google Cloud Platform (Python)
- Designed and developed Ajax URL pages for Agent's Usage by writing font-end scripts (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, CapitalIQ and Bloomberg.
- Prepared course materials for Risk Management and Derivatives.
- Assisted students in solving programming problems (Python).

RESEARCH EXPERIENCE

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

CO-AUTHOR RESEARCH WITH PROF. CHEUNG | A REIT-BEHAVIOR-RELATED RESEARCH

Mar 2018 – | Tokyo, Japan

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. 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 • Html

Familiar:

Matlab • CSS • MySQL • \LaTeX

Experienced but In-Progress:

Julia • C++ • MongoDB

Often Used Libraries and Frameworks:

Python: Pandas, NumPy, Matplotlib, statsmodels, Flask, SQLAlchemy, selenium, BeautifulSoup, PyKrig

R: ggplot2, plm, stargazer, lme4

JavaScript: vue.js, jQuery, DataTables, Bootstrap

Experienced Libraries and Frameworks:

Python: scikit-learn, Keras, Django

SPOKEN & WRITTEN

Native-Level:

Mandarin, Komese (Nanchangese)

Advanced-Level:

English (TOEFL 102), Japanese (JLPT-1)

Others:

CFA Level-2 Passed