

# Linyan Ge

2292 Stone Road, Northwood V  
Ann Arbor, MI, 48105

linyange@umich.edu  
+1(734)757-3957

---

## Skills

### Technical:

Python(BeautifulSoup & NumPy)  
R,SQL  
PHP, Java  
HTML, CSS, Javascript

### Tools:

Excel, Word, PPT  
Sublime, Atom  
Pycharm, PhpStorm, IntelliJ  
Tableau, Rstudio, Navicat

### Competencies:

Algorithm Game Theory  
Affinity Diagramming  
Contextual inquiry  
Mental Mapping

---

## Education Background

### University of Michigan, School of Information

Ann Arbor, MI

- *Master of Science in Information*      *concentration : Data Analytics*      *04/2019*
- Related Coursework: Natural Language Processing; Database Application Design; Algorithm Game Theory; Statistics & Data Analytics(R language)

### Wuhan University, School of Information Management

Wuhan, China

- *Bachelor of Arts, Digital Publishing*      *06/2017*
- Related Coursework: Advanced Mathematics; Advanced Programming Language (Java); Data Structure; Software User Interface Design; Digital Asset Management; Computer Network; Information System Analysis and Design.
- 

## Internship

### Research Assistant

Beihang University

*National Engr. Research Center for Sci. and Tech. Sharing*

*Jul 2016 – Sep 2016*

- Created user dashboard with data visualization using JavaScript and Echarts to help decision making.
- Manipulated data using Java, and MySQL to create desired data list.

### Data Analyst

Wuhan, China

*Dyclub Data Science and Technology Corp. Ltd.*

*Mar 2016 – Oct 2016*

- Utilized Python to collect data from web media.
  - Visualized customer dataset with linear regression and exploratory data analysis on the data gathered by R.
  - Used MYSQL and R to clean dataset, help build a tidy database.
  - Designed an implementation of 8 sub-MISs for Traditional Medicine Disease Clinical system.
- 

## Research & Project

### Agent Based Modeling for Academic Conferences

- Simulated the reviewer selection and paper reviewing process of conference with computational model.
- Implement Hungarian algorithm and ABM method that is well proven in game theory application with Python.
- Developed strategic improving plan to increase the overall quality of conferences from 7 aspects.

### Academic Innovation Financial Management Challenges

- Analyzed educational organization, Academic Innovation(AI), to improve its financial workflow.
- Conducted user research and interviews then use affinity diagramming to gather information from disciplines for comprehensive findings.
- Provided overall synthesis of AI's current situation and recommendations for its future financial system.