

# Pan Chen

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Master of Science in information Management/Data Science with 3 years of experience in the data science field and proficiencies in both R and Python looking for a full-time job in the Greater Seattle Area

## KEY SKILLS

R

Python (*numpy pandas, matplotlib, scikit-learn, NLTK, etc.*)

SQL/MySQL

Data Wrangling

Data Visualization

Machine Learning

Natural Language Processing

Statistics (*including linear and logistic regressions, time series, probability, hypothesis testing, A/B Test*)

Business Analytics

Microsoft Excel

Spark

Jupyter Notebook

Tableau

Adobe Illustrator

Bilingual: English and Chinese

## EDUCATION

### Syracuse University

Master of Science in Information Management/Data Science, 2017  
GPA: 4.0

Received Graduate Program Excellence Scholarship and Graduate Assistantship

### Springboard

Data Science Career Track, 2017

### University of California, Los Angeles (UCLA)

Bachelor of Arts in Psychology, 2013

## DATA SCIENCE EXPERIENCE

### DATA ANALYST, Syracuse University

August 2017 - December 2017

- Contributed to a big data project that dealt with analyzing metadata from a large scientific data repository
- Main challenges involved disambiguating millions of metadata records by developing functions that cleaned and wrangled over 75GB of data with R
- Visualized and documented the procedures and findings with R and Jupyter Notebook

### TEACHING ASSISTANT, Syracuse University

August 2017 - December 2017

- Assisted teaching of a graduate level data visualization class. Topics included R, ggplot2, Python, shiny, D3, and Adobe Illustrator
- Mentored students, assessed their work, lead discussion sessions and Q&A sessions, edited course website and prepared course materials

### DIGITAL MARKETING SPECIALIST, Hangzhou Kaiwang Technologies Co., Ltd

June 2015 - June 2016

- Analyzed SEM data for a mobile app company with 50 millions of registered users
- Extracted data from Google AdWords and conducted SEM reports based on important metrics Impression, Clicks Thru Rate, Conversion Rate and CPA to support effective SEM campaign

## PROJECTS

- Metacritic Review Scores vs Video Game Sales Project (<http://bit.ly/2E6xPZW>)
- Hyatt Customer Satisfaction Survey Project (<http://bit.ly/2DKIRas>)
- Patients No-Show Poster Project (<http://bit.ly/2FcGWYx>)
- Health Insurance Claim Management System SQL Project (<http://bit.ly/2FnEBQ>)