

# Xiaotian (Kevin) Wu

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## EDUCATION

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**Brown University**, Providence, RI; Expected Winter 2019

PhD Candidate in Biostatistics

**Yale University**, New Haven, CT; Class of 2015

Master of Science in Biostatistics, equivalent GPA 3.87/4.0

**Hong Kong University of Science and Technology**, Hong Kong SAR, China; Class of 2013

Bachelor of Science in Biology, Rank 7/81

## INDUSTRY EXPERIENCE

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**Yelp Inc**, Quantitative Researcher/Statistician Summer Intern

Jun 2018 – Aug 2018

- Combined data from multiple sources using Redshift
- Prototyped and productionized an upsell account recommendation model to identify upsell opportunity using Python
- Explored personalized rating for restaurant recommendation using latent features from collaborative filtering

## KAGGLE PROJECT

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**TalkingData Mobile User Demographics** – 88<sup>th</sup>/1689 teams, Top 6%

Jun 2016 – Sep 2016

- Merged multiple large datasets and performed feature engineering
- Applied xgboost and neural network for multi group classification

## AWARDS & RECOGNITION

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**Scholarship for Research in the Biology of Aging**, AFAR 2018

**Distinguished Student Paper Award**, ENAR 2018

**The Dr. Colin White Memorial Scholarship**, Yale University 2014

**The Joseph Lau Luen Hung Charitable Trust Scholarship**, HKUST 2009

## SELECTED RESEARCH EXPERIENCE

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**Research Assistant** – Dr. Zhijin Wu, Brown University

Sep 2017 – Present

- Developed Latent Dirichlet Allocation with penalization for single cell RNA seq data
- Implemented large scale convex optimization method for maximum likelihood estimation with penalization

**Research Assistant** – Dr. Shunping Wang, Women & Infants Hospital, Providence, RI

May 2017 – Aug 2017

- Applied xgboost for in vitro fertilization live birth prediction

## SELECTED PUBLICATION

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**Wu, X.**, Guarino, P., Lo, A. C., Peduzzi, P. & Winger, M. Long-term Effectiveness of Intensive Therapy in Chronic Stroke. *Neurorehabil Neural Repair* **30**, 583–590 (2016).

## EXTRA-CURRICULAR ACTIVITIES

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**Student Representative, Department of Biostatistics**, Brown University

Sep 2016 – Aug 2017

**President, Biostatistics Students Association**, Yale University

May 2014 – May 2015

**Executive, Light on Dreams Sichuan Service Learning Trip**, Sichuan China

Sep 2010 – Jun 2011

## SKILLS

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- Programming Python, R, C++, SQL, Matlab, SAS, Stata, LaTeX, Unix
- Statistics Statistical Inference, Convex Optimization, Machine Learning, Causal Inference, Topic Models