

## Hongru Ye

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### **EDUCATION BACKGROUND**

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**MS, Data Science** **2018-2019**

University of Rochester; In Progress

**BS, Mathematics and Psychology Double Major** **2013-2017**

University of Illinois at Urbana-Champaign (UIUC)

With applied math and social psychology concentration.

### **PROJECTS**

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**MusicBox** **Fall 2018**

*Database Final Project*

- Worked with one other to design and build a database with an online webpage interface that keeps track of the downloading music among a group of users.
- Implemented SQL and relational database to store and query data.
- Used PHP and HTML to build the webpage.

**Analysis of Influential Factors for Tuition Fee of US College** **Fall 2017**

*Data Analysis Project; Advisor: Yeonjoo Park, Ph.D.*

- Used SAS to explore a data set with 1303 U.S. college from 1995 U.S. News
- Adopted Linear Model, PCA, Cluster Analysis, and Logistic Regression to determine the influential factors for tuition fee.
- Obtained a significant linear model with a 0.7 R-Square Value.

### **RELEVANT WORK EXPERIENCE**

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**Assistant Data Analyst** **Jun 2017- Aug 2017**

Innotree; Beijing, China

- Extracted, compiled, maintained data on daily, weekly basis with SQL
- Performed data queries and developed optimized data collection base on the requires of other teams using SQL and Python
- Contributed to the Company-Categorization-Model for Financial Market

### **SKILLS**

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Programming Language: SAS, MySQL, Python, MATLAB, R

Other Technical: Gilt, Unix, Cluster Computing, SciPy

Language: Chinese (Native), English (Fluent)