

MICHAEL XIE

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| WORK HISTORY

Infosys - Software Engineer

Indianapolis, IN • 06/2018 - Current

- Working with the largest US telecommunications company in analytics and reporting
- Pulled data using SQL and applied machine learning algorithms to predict user behavior
- Create reports and visualizations for large web components using Python and Tableau to optimize development goals

Marquette University - Research Intern

Milwaukee, WI • 06/2014 - 08/2016

- Assisted the Dean of the College of Nursing in his research on socioeconomic factors of obesity in the Milwaukee Metropolitan area
- Visualized research data on Excel to show summaries and trends of key points for academic paper

| PERSONAL PROJECTS

Arbitrage Social Trading Platform (MongoDB, Express, React, Node, AWS)

- Led a development team to create a social platform for casual investors to analyze stock news and trends as a community
- Equipped with chart analysis, news feeds, forums, and a market simulation game

Sentiment Analysis of Bias in the Media (R, shiny)

Zillow Prize: Zillow Home Value Prediction (R, ggplot)

Prudential Life Insurance Assessment (R, Python, xgboost)

| LEADERSHIP

University of Wisconsin Chess Club – President and Founder

Madison, WI • 10/2015 - 05/2018

- Founded and ran the first student led chess club on campus
- Affiliate club of the United States Chess Federation
- Sponsored by Red Bull North America

| SKILLS

- R (shiny, ggplot, XGBoost, machine learning packages)
- Python (NumPy, Scikit, Pandas)
- Databases (MongoDB, SQL)
- Full Stack Web - Javascript, Express, Angular, React, Node.js
- HTML5, CSS3, Bootstrap
- Tableau
- Excel, VBA
- Java
- Git
- AWS (S3, EC2)
- Agile

| EDUCATION

University of Wisconsin

Madison, WI • 2014 - 2018

Bachelor of Arts: Statistics and Economics

GPA: 3.2

Relevant Coursework: Financial Statistics, International Trade and Finance, Analytical Finance, Applied Multivariate Analysis, Stochastic Modeling, Data Science in R

| WEBSITES

Personal

- xie-git.github.io

Projects and Repositories

- xiearbitrage.s3-website-us-east-1.amazonaws.com/
- xieshiny.shinyapps.io/mediabias
- github.com/xie-git