

I'm Yifei Liu and I want to be a Data Analyst. I like making interesting charts, quality of government, and programming language R.

Currently searching for a data science position that allows me to build tools using visualization and machine learning to help people explore and understand their data.

EDUCATION

2019
|
2017

● **M.S. Finance Analysis & Quantitative Risk Management**
Temple University
Philadelphia, PA

- Recipient, Fox Graduate Leadership Scholarship

2015
|
2013

● **B.B.S Finance, minor in Statistics**
Temple University
Philadelphia, PA

EXPERIENCE

Now
|
Sep 18

● **Blog**
Data Scientist & Financial Engineer

- Designed and created website using R and blogdown package
- Explored real world raw data and applied machine learning algorithm to answer complex question
- Communicated the results of analyses, through interactive apps, data visualization

Aug 14
|
May 2014

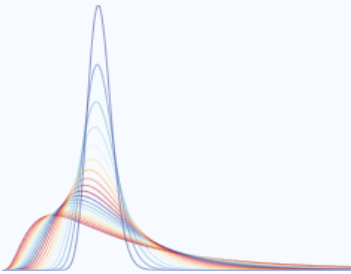
● **Financial Analyst Intern**
Bank of China
Fuxin, China

- Performed economic, industry, and financial analyses for an investment project of a financial leasing company
- Analyzed macroeconomic data, such as market demand and consumption growth rate, and helped project manager to select water infrastructure industry as first industry in China to invest in due to expected promising revenue growth
- Conducted financial ratios and cash flow analyses by using R and Excel based on financial statements to analyze liquidity, operation capability, and profitability of waterworks at each district and county in Liaoning, and decided to lease hydraulic equipment to Dalian Qingpu Drinking Water Treatment Co., Ltd.

Apr 17
|
Jun 16

● **Financial Analyst**
Bank of China
Fuxin, China

- Provided technical research support for Loan Operation Manager of Bank of China Fuxin Branch which serves 60 clients with \$4.2 million in department budget
- Maintained clients financial record and reported client liquidity risk to supervisor
- Formed a five-person team to perform technical analysis to evaluate credit risks on company and assessed liquidity of company's collateral
- Led 10 staff members to organize awareness campaigns and fundraising events on behalf of company, coordinated 5 events to educate local residents on basic financial knowledge



SKILLS & TOOLS

- R
- ggplot2
- tidyverse
- Python
- Git
- Github
- Shiny

Data Analysis:
Machine Learning
Time Series Analysis
Spatial Analysis

Language:
Mandarin, native
English, proficient

CONTACT

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- moxiaoranying
- moxiaoran
- yifeiliu
- (267) 273-9052

OPEN SOURCE CONTRIBUTIONS

TidyTuesday: My contributions to the #TidyTuesday weekly data project

PG&E power shutdown: Shiny Dashboard Application