YANG (KEN) WU

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EXPERIENCE

Anti-Racial Profiling Project Intern
Asian Americans Advancing Justice | AAJC

📅 July 2021 - Present   📍 D.C., USA

- Work with a team of data scientists on a relational database (MySQL) on cases related to the profiling and prosecution of Asian American researchers and scientists.
- Create and design visualizations of case data using Tableau and fact sheets in Latex to be used for a report that will be published in near future.
- Provide database quality control and support data collection tasks.
- Conduct policy research and attend meetings with Congress members as our team's data specialist.

Intern Analyst
Fusion Fund (Venture Capital)

📅 Summer 2020 (Remote)   📍 California, USA

- Participated in regular deal sourcing tasks, including conducting company research (via websites like Crunchbase and AngelList), obtaining CEO contact information, and sending out-bound introduction emails. Coordinated and oversaw pitch meetings with founders.
- Conducted competitor analysis and market sizing analysis on companies in various industries, focusing mainly on cyber security, software enterprise, and healthcare technology. These reports included numerical figures gleaned from various sources to provide the team with an understanding of how disruptive technology impacts these industries.

Analyst Trainee
KPMG

📅 Summer 2019   📍 Beijing, China

- Selected Highlight (Buy-side Advisory): Oversaw the initial "target screening" (a process for picking out potential investment targets for our client, including research, content gathering, and coordinating outbound emails and calls). Produced screening results as a deliverable to our clients.
- Selected Highlight Buy-side/Due Diligence Initiated the engagement through an out-bound email (our client, Company Y, was interested in an overseas pharmaceutical company X planning its first IPO). Built IPO valuation model for the target company. Facilitated the due diligence process (e.g., we compared the Licensing and Distribution agreement contract that company X had signed with another company with the contract our client planned to sign with company X, ensuring that no unfair provisions were included and no rights were left out).
- Selected Highlight (Strategy advisory): Produced research reports for a government agency tasked with promoting foreign investments in China (a single report consists of a target company name, general information, main business(es), projection figures, and the type of assistance that was needed, etc.) Devised market entry strategies for target companies interested in expanding their operations into the Chinese market.

Research Intern
Peking University Sociology Research Center

📅 Summer 2016   📍 Beijing, China

- Worked with a team of graduate-student researchers on a social survey project aimed at documenting the state of affairs in Chinese society, economy, population, education, and health, also known as the CFPS data set.
- Attended seminars on the techniques of random sampling for selecting potential interviewees from the population.
- Oversaw the translation of questionnaire labels from Chinese to English.

PERSONAL TRAITS

Conscientiousness   Self-motivated   Quick learner
Honesty and Integrity   Curiosity

LANGUAGE

English   ● ● ● ● ●
Chinese   ● ● ● ● ●

EDUCATION

B.A. Economics Minor in Statistics
Kenyon College

📅 September 2019 – May 2021

🏆 *cum laude*

  Kenyon College Merit List

PERSONAL MOTTO

Life through service.

COURSES

💰 Economics/Finance

- Microeconomics Utility Theory, Redistributive Policy, Consumer Theory, Game Theory, Public Welfare, Taxation and Subsidy etc.
- Macroeconomics GDP, Monetary Theory, Labor Market and Unemployment, Inflation, Growth Theory, etc.
- Money and Financial Markets (The US Banking system, Federal Reserve System, Public Financing, Coupon Bond, Fixed Payment Loan, Money Supply, Risk Structure, Bloomberg Terminal, etc.
- Portfolio Theory Efficient Market Hypothesis, CAPM, Markowitz model, Sharpe Ratio, etc.
- Financial Accounting (Balance sheet, Income statement, and Cash Flow Statement)
- Mathematical Economics (Utility Maximization, Constrained Optimization, Dynamic Analysis, Linear Models, etc.)
- Economics with GIS (Spatial Data, ArcGIS 10.3.x)

🔢 Math

- Probability Theory
- Combinatorics
- Calculus
- Matrix Algebra

📈 Statistics/Data Analysis

- Probability Distribution Fitting
- Random Sampling Techniques
- Regression Analysis
- Analysis of Variance
- Time Series Analysis
- Econometrics
- Statistical Simulation Risk Analysis in Insurance, Monte Carlo Simulation, Functional Programming

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SOFTWARE SKILLS

- Proficient with RStudio and Stata for statistical analysis and Microsoft Excel for basic financial modeling
- Programming in R and Python
- Maple and MATLAB for solving mathematical problems
- SQL (familiar with both PostgreSQL and MySQL)
- Tableau for data visualization
- Integrate Bloomberg Terminal with Microsoft Excel via Office Add-ins

SAMPLE WORK

- Interactive Portfolio Dashboard
  https://kenyangwu1227.shinyapps.io/Yang-Wu-Customizable-Portfolio-Dashboard/
- Portfolio Optimization Dashboard
  http://rpubs.com/yangwu1227/personal_project
- Sample code are also available via my personal website, which is listed in the headings.