Kenny Huang

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EDUCATION

Princeton University - B.S.E., Operations Research and Financial Engineering **Expected Graduation: May 2023**

- GPA: 3.88 / 4.0
- Pursuing certificates in Statistics and Machine Learning, Finance, Optimization and Quantitative Decision Science, Applied and Computational Mathematics, Applications of Computing

WORK EXPERIENCE

Broadridge Financial Solutions - Site Reliability Engineering Intern **June 2022 - August 2022**

- Completed code deployments, application monitoring, and automatic report generation tasks
- Overhauled preparation for peak load season by generating ticket templates and redesigning validation form process
- Assisted data science team on research project with exploratory analysis and long-term project planning

Ramsay Research Group - Undergraduate Research Assistant **March 2021 - May 2022**

- Harnessed Python and R to complete data handling and acquisition tasks for Professor Kris Ramsay
- Generated data providing important historical context and motivation for research theory
- Research focused on game theory models used to study the incentives of deforestation and its prevention

Federal Energy Regulatory Commission - Data Science Intern **June 2021 - August 2021**

- Facilitated team on variety of data-related tasks related to the enforcement of electric reliability standards
- Completed projects in data pipeline creation, data analysis, and task automation using Python (SQLAlchemy, NLTK, Selenium) and R
- Performed power flow study and first-contingency analysis of resiliency of grid towards rolling blackouts

Veryable - Corporate Strategy Intern **June 2020 - August 2020**

- Applied Excel and VBA to analyze user data (up to 1M+ data points per project) and provide actionable insight
- Built custom macros to streamline future analysis of changes in user choices
- Supported back-end design and launch of two major user interface tools

PROJECTS

What Makes Blocks Good? (2022) - improved evaluation of blocks and their effects within and after possessions
A Study of the Goodness of Blocks (2021) - evaluation from scratch of blocks and their value to NBA defenses
Predicting the String Played by a Cellist (2021) - computer vision project to detect which string is being played

HONORS

Traders@MIT 2020 Competition: 6th Place Team Overall, 3rd Place Team on High Frequency Trading Case
Math: 2x USA Math Olympiad Qualifier, 2x USA Junior Math Olympiad Qualifier, 6x AIME Qualifier
Other: BPA State 6th Place Advanced Spreadsheet Applications, Academic Decathlon State 8th Place Individual

LEADERSHIP/ORGANIZATIONS

Princeton University Data Science Club- DataDev officer, founded and led focus research groups **2019 - present**
Harvard Sports Analysis Club - discussed ideas for and collaborated on sports analysis projects **Spring 2021**
Princeton University Table Tennis Club - co-vice president, acting president **2019 - present**

SKILLS

- **Proficient**: Python, SQL, R, Microsoft Excel, Java, Mandarin (fluent)
- **Intermediate**: C++, VBA, C, Powershell, HTML, CSS, JavaScript