Kenny Huang

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EDUCATION

Princeton University- Princeton, NJ (Class of 2023)
- GPA: 3.88 / 4.0
- Majoring in Operations Research and Financial Engineering
- Pursuing certificates in Statistics and Machine Learning, Applied and Computational Mathematics, Applications of Computing, Engineering and Management Systems

WORK EXPERIENCE

Ramsay Research Group - Undergraduate Research Assistant **March 2021 - current**
- Completed data handling/acquisition tasks for Professor Kris Ramsay
- Attended weekly meetings to check in and present work
- Research focuses on abstract game theory models regarding deforestation

Federal Energy Regulatory Commission - Data Science Intern **June 2021 - August 2021**
- Completed projects in database curation, data analysis, and task automation
- Performed power flow study and first-contingency analysis
- Used Python (SQLAlchemy, NLTK, Selenium) and R

Veryable - Corporate Strategy Intern **June 2020 - August 2020**
- Used Excel and VBA to complete five projects analyzing user data (up to 1M+ data points per project)
- Built custom macros to streamline future analysis
- Supported back-end design and launch of two major user tools

COS126 Teaching Assistant **September 2020 - current**
- Guided students in developing logical thought processes and utilizing best practices to solve computer science problems, including N-Body, Markov language models, and Traveling Salesman Problem
- Graded 10 coding assignments and provided meaningful feedback on students' efficiency and style
- Selected to be on elite "special task force" to grade especially difficult submissions

AwesomeMath Summer Program (AMSP)- Teacher Assistant **Summer 2018, Summer 2019**
- Intensive olympiad math program hosted at Cornell University and University of Puget Sound
- Led problem sessions and office hours, managed course materials, and graded tests for 100+ students
- Previously attended as a student in 2014, 2015, 2017; attended research program in 2017

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

EXTRACURRICULAR ACTIVITIES

Princeton University Data Science Club **2019 - current**
Harvard Sports Analysis Club (HSAC) **2021 - current**
Princeton University Table Tennis Club (PUTTC)- acting president / junior officer **2019 - current**
Princeton University Math Competition (PUMaC)- problem writer and proctor **2019 - 2020**

SKILLS

- Python, SQL, R
- Microsoft Excel, VBA
- Java, HTML, CSS, JavaScript
- Mandarin (fluent)