JONATHAN YUAN

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EDUCATION

The University of Chicago   **Chicago, IL**
B.A. Economics with a Specialization in Data Science, B.S. Computer Science   *Expected Jun 2021*

- **Cumulative GPA:** 3.80/4.00, Dean's List
- **Coursework:** Intro to Computer Programming & Systems, Elements of Economic Analysis, Econometrics, Numerical Linear Algebra, Statistical Models and Methods, Networks and Distributed Systems, Data Visualization

West Windsor Plainsboro High School South   **Princeton Junction, NJ**

- **Cumulative GPA:** 4.00/4.00 | **Math Honor Society** (President), **National Honor Society**

PROFESSIONAL EXPERIENCE

Rocketmiles – Booking Holdings   **New York, NY**
Data Science Intern at online travel agency   *Jun 2019 – Present*

- Working on a predictive model for an alternative forecasted A/B testing success metric
- Assisted product teams (e.g. Southwest, Smiles) with ad-hoc data analysis of product features/investment decisions

Clark St. Capital   **Chicago, IL**
Quantitative Trading Intern at small-cap hedge fund   *Jan 2019 – Present*

- Modified and implemented quantitative trading strategies in Python for commodities and volatility futures
- Advised Portfolio Manager in the implementation of strategy backtesting, optimizing on parameter space, constraints, search and input variables
- Extensively utilized Pandas/Numpy/pyfinance libraries for accurate and optimized implementations

LoveBug Probiotics   **New York, NY**
Operations Intern for Digestive Health Company   *Jun – Aug 2018*

- Automated extraction of warehouse data with Excel macros to generate KPI reports and develop a predictive "restocker" tool that automatically calculates an inventory replenishment schedule
- Worked with CFO to calculate customer lifetime value for top selling products using an Excel model and Shopify data
- Successfully launched the company's product line on amazon.co.uk by completing approval requests, uploading listings, keyword optimizing product pages, and shipping sample products

EXTRACURRICULAR & LEADERSHIP ACTIVITIES

Taiwanese American Student Association   **Chicago, IL**
President of student cultural organization   *Mar 2018 – Present*

- Led the club to win UChicago RSO of the Year in 2019 by planning university-wide cultural events with the executive board, including Night Market, Spring Lantern Festival, Mahjong Tournament, and dumpling workshops
- Helped successfully alleviate all club debt as treasurer by organizing frequent "bunraisers," applying for university funds, optimizing ticket sales, and coordinating local business partnerships

Maroon Capital   **Chicago, IL**
Board Member of Quantitative Finance RSO   *Oct 2018 – Present*

- Completed technical curriculum on public markets, corporate finance, options theory, and quantitative trading

Lambda Phi Epsilon – University of Chicago   **Chicago, IL**
Vice-President External of Asian-Interest Fraternity   *Jan 2018 – Present*

- Promoted cultural groups though planning joint campus wide events, bone marrow drives, and fundraisers

SKILLS & INTERESTS

Proficient: Python, C, SQL
Experienced: R, JavaScript, VBA, x86 Assembly
Languages: Mandarin (fluent), Spanish (conversational)
Interests: Poker, Weiqi (Go), Music (piano, production), Weight Lifting, Cooking