AARON MARGULIS

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EDUCATION

Washington University in St. Louis   **St. Louis, MO**
College of Arts and Sciences; Bachelor of Science in Economics, Minor in Computer Science   *August 2018 – May 2022*
- Cumulative GPA: 3.85/4.00   • Weighted GPA: 3.95/4.00   • Dean's List (Fall 2018, Fall 2019)

Relevant Coursework:
- Topics in Financial Economics: Investments
- Introduction to Econometrics with Writing
- Principles of Financial Accounting
- Intermediate Microeconomic Theory
- Game Theory
- Behavioral Economics and Experimental Economics
- Data Structures and Algorithms
- Intermediate Macroeconomic Theory

Israel Summer Business Academy   **Tel Aviv, Israel**
Study Abroad   *June – July 2019*
- Completed a six-week, six-credit immersive program based at IDC Herzliya in Tel Aviv, Israel, with a focus on innovation, entrepreneurship, and studying the Israeli startup eco-system through academic and co-curricular activities
- Engaged in Venture Creation coursework, resulting in taking a concept from ideation to minimum viable product

The Latin School of Chicago   **Chicago, IL**
High School Diploma   *September 2014 – June 2018*

WORK EXPERIENCE

Cognitive Capital, LLC   **Chicago, IL**
Summer Intern   *May – August 2020*
- Wrote Python scripts and Ruby on Rails code to produce automated web reports relating to ETF dividends, and web reports pertaining to international exchange hours to assist trade desk operators in handling foreign assets
- Analyzed trade data to determine impact of different trade execution strategies on firm's profit and loss
- Audited 100+ trading system parameters and wrote MySQL queries to consolidate overnight parameter adjustments
- Shadowed portfolio managers and trade desk operators during opening and closing market auctions

Washington University Student Tour Leaders   **St. Louis, MO**
Tour Guide   *October 2019 – Present*
- Led prospective Washington University students on weekly campus tours providing them with information about the university, campus, undergraduate academics, extracurriculars, and my personal experience at Washington University

Summer at Latin   **Chicago, IL**
Junior Camp Counselor   *June – August 2018*
- Scheduled and administered activities including off-site field trips for twenty 3rd graders to promote youth development

ACTIVITIES

Washington University Sports Analytics Club   **St. Louis, MO**
Vice President, Operations   *September 2018 – Present*
- Won the 2019 Society for American Baseball Research Case Competition competing amongst twenty student teams
  - Gathered data, ran statistical tests and wrote Python simulation to determine the wins added from implementing alternate pitching rotation strategies for all Major League Baseball teams and presented findings
- Received anonymized revenue data from the St. Louis Cardinals and collected corresponding event and programming data to determine the impact of gameday promotions on revenue and presented findings to business analysts at Busch Stadium
- Conducted research comprised of constructing a theoretical framework and using machine learning algorithms in Python to study fourth-down play-calling and team performance in the National Football League over a nine-year period
- Organized speaker program featuring analysts from the New York Yankees, Atlanta Braves, Miami Heat, and more

Washington University Student Investment Fund   **St. Louis, MO**
Portfolio Manager, TMT Sector   *September 2018 – Present*
- As Portfolio Manager, responsible for selecting stock, constructing investment theses, and making discounted cash flow model for semiannual sector stock pitch to investment board
- Voted on numerous proposed stock acquisitions and sales in fund containing over $180,000 of the university's endowment

SKILLS AND INTERESTS

Additional Activities: Washington University Trading Club, Washington University Business of Sports Society, Sigma Chi Fraternity
Skills: Proficient in Python, Pandas (Python library), MySQL, HTML, CSS, JavaScript, Java, Microsoft Office, Data Analysis
Interests: Chicago Sports Teams, Sabermetrics, Poker, Chess