Lyle Paskowitz

Applied Mathematician

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Education

Johns Hopkins University   *Baltimore, Maryland*
B.S. in Applied Mathematics & Statistics, **3.97 GPA**   *Expected May. 2020*

- Pursuing combined Bachelors/Masters in Applied Mathematics & Statistics. Minor in Computer Science.

Work Experience

Goldman Sachs & Co   *New York, NY*
Summer Technology Analyst   *May - August 2018*

- Performed data analysis to automate strategic risk assessment of Securities technology.
- Transformed subjective risk assessments into quantitative insights by conducting PCA, K-means and HCS clustering on a self-built relational model of the firm's technology deployments and business units.
- Incoming algorithmic trading and quantitative finance intern for the Securities Division in Summer 2019.

Whiting School of Engineering   *Baltimore, MD*
Operations Research Consultant   *January 2018 - PRESENT*

- Created season schedules used by entire MiLB leagues. Met challenging client demands from 14+ baseball teams and league officials, through combinatorial optimization.
- Achieved robust solutions 30% more optimal than hand-drawn schedules, in a fraction of the time. Utilized supercomputing resources, integer programming, and cutting-edge optimization algorithms.

Department of Applied Mathematics & Statistics   *Baltimore, MD*
Teaching Assistant   *August 2017 - PRESENT*

- Spend 10+ hours/week teaching section of 25+ students, as well as 1-1 tutoring and mentorship.
- Classes taught include Intro to Optimization and Discrete Mathematics.

Activities

TCO Labs   *Johns Hopkins University*
Director of Events   *October 2016 - PRESENT*

- Directed team of 20 to host conferences that have drawn over 200 attendees. Connect students to investors, entrepreneurs and startups.

Hopkins Undergraduate Society of Applied Mathematicians (HUSAM)   *Johns Hopkins University*
Executive Board Member   *May 2017 - PRESENT*

- Organize recruiting events and research opportunities for undergraduate mathematics society.
- Hosted firms including Bloomberg LP, Deloitte, and Marshall Wace.

Skills

Programming	Python, R,, C++, Java
Web Development	React, Redux, JavaScript, jQuery, CSS
Data Analysis	Statistics, Probability, Regression, Linear Optimization, Functional Analysis