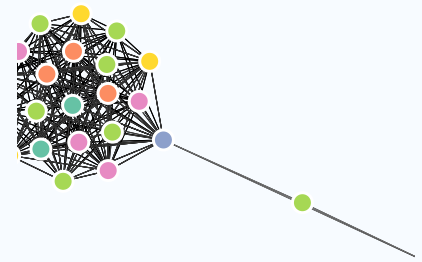# ANDREW G. ARGEROS

Dedicated and driven current undergraduate student with a passion for statistical, analytical, and data driven approaches to modern issues. Enjoys problem solving through data driven thinking and computational methods.

Skilled in applications of R, SQL, and Python. Avid presenter at national data science competitions. Looking to gain experience in the corporate sector and to further skills in machine learning at scale.

🎓 EDUCATION

2021 (exp.) | 2018

B.S., Computational Data Science; B.B.A., Business Analytics; Minor, Economics
Hamline University   📍 St. Paul, MN

- Advisors: Dr. Stacie Bosley and Dr. Andy Rundquist
- President's Scholarship Recipient
- NCAA Varsity Athlete (Men's Tennis)

2018 | 2014

High School Dipolma
Coon Rapids High School   📍 Coon Rapids, MN

- Graduated with Honors
- Two time AP Scholar

💻 RESEARCH EXPERIENCE

Current | 2020

Research Assistant to the Dean
Hamline University School of Business   📍 St. Paul, MN

- Hired in 2020 for ad hoc data science needs in the Hamline Business School. Responsibilites include working closely with Dean McCarthy, Support Staff, and Faculty to effectively manage and deploy analyics and data science projects.
- Student Analytics Director of DAC @ Hamline high school data analytics competition.

Current | 2019

Research Assistant to Dr. Eric Hammer
Hamline University School of Business   📍 St. Paul, MN

- Analyzing modifications to inputs of Hawk/Dove game theory model through use of agent based modeling.
- Planning collaboration on a project studying cultures' proverbs and "pop-culture" on voting behavior. Based on the work of Michalopoulos and Xue (2017) on the effects of folklore on rational voting theory.

View this CV online with links at andrewargeros.com/cv_

CONTACT

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⌂ /andrewargeros

🔗 andrewargeros.com

in /in/andrewargeros

LANGUAGE SKILLS

R	
SQL	
Python	
Javascript	
Julia	
Spanish	
Greek	

💼 INDUSTRY EXPERIENCE

Current
|
2020

Data Science Intern
ExceleraRx Corp.

📍 Minneapolis, MN

- Currently directing and implementing at-scale analytics and machine learning affecting major health systems, manufacturers, and payers in the realm of specialty pharmacy.
- Built a machine learning implementation to identify patients at risk for inadherence in subpopulations of metastatic breast cancer patients. Currently in production at several health systems.

2020
|
2019

Consultant Data Scientist
Minnesota Hospital Association

📍 St. Paul, MN

- Analyzed workforce data on MHA's members for the assocation's annual workforce review.

2020
|
2019

Planning Department Intern
Northwestern Mutual

📍 Minneapolis, MN

- Worked on a team of six to analyze and manage the financial portfolios of more than two thousand clients across the country. Oversaw a client's investment process from onboarding through investment and rebalancing.
- Built a system using R and Shiny to effectively manage the department's invoicing system.

📈 DATA SCIENCE COMPETITIONS & PROJECTS

2020

Optimizing New York City's Housing[1]
BAC @ MC 2020

📍 New York City, NY

- Used multiple spatial analysis (GIS) and dimension reduction techniques to find an optimization for affordable homeownership in the city.
- Conference cancelled due to COVID-19 Pandemic.

2020

MLB Team Success: Offense vs. Defense[2]
Minnesota Economic Association

📍 Collegeville, MN

- Analyzed the importence of different statistics on predicting Win/Loss percentage. Selected to present at MEA Conference 2020

2020

To Settle or Not to Settle: Classifying the Outcomes of the Federal Courts[3]
MUDAC 2020

📍 Virutal

- Built a machine learning system to classify outcomes of the US Federal Courts. Used an ad-hoc ensemble of dual logistic regressive classifiers.
- Presented virtually at the conference

2019 ● **Forecasting Soybean Futures: Prophet & VAR[4]**
MinneMUDAC 2019   📍 Eden Prairie, MN

· Accurately forecasted the price of three target soybean futures
  securities. Model comprised of an ensemble of Facebook Prophet and
  Vector Autoregression. Model Accuracy ~99.5%.
· 2nd Place Overall & Analytical Acumen Award Winner
· Invited to present to industry leaders at FASTCON 2020

2019 ● **The Future of Renewable Energy in New York City**
BAC @ MC 2019   📍 New York City, NY

· Optimized and analyzed a solution to convert half of New York state's
  energy needs to renewable energy.
· 4th Place Overall

🗒 SELECTED PRESS (ABOUT)

2019 ● **Business Analytics Teams Succeed in Competition**
Hamline University Newsroom

2019 ● **Announcing the Winners of the MinneMUDAC 2019 Student Data
Science Challenge[5]**
MinneAnalytics

2019 ● **Data Analytics Team Takes Second in Competition[6]**
Hamline University Newsroom

🔗 LINKS

1: https://github.com/andrewargeros/BAC-MC-2020
2: https://livefreeordichotomize.com/2019/06/04/using_awk_and_r_to_parse_25tb/
3: https://github.com/andrewargeros/mudac2020
4: https://github.com/andrewargeros/minnemudac
5: http://minneanalytics.org/announcing-the-winners-of-the-minnemudac-2019-
   student-data-science-challenge/
6: https://www.hamline.edu/news/2019/MinneMUDAC/