Samarth Arul

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EDUCATION

Northwestern University
Bachelor of Arts, Computer Science and Economics
Sep. 2022 - Mar. 2026
Evanston, IL
- **GPA:** 4.0/4.0, Dean's List
- **Completed Coursework:** Computer Programming (Racket), Intermediate Microeconomics, Linear Algebra
- **Planned:** Data Structures & Algorithms, C/C++ Programming, Game Theory, Networks, Multivariate Calculus

Adlai E. Stevenson High School
Aug. 2018 - May 2022
- **GPA:** 4.0/4.0, **ACT:** 36/36, **SAT Math-II:** 800/800; Coursework in 16 AP Classes   *Lincolnshire, IL*
- **Awards:** National Merit Scholar, U.S. Presidential Scholar Semifinalist

PROFESSIONAL EXPERIENCE

Research Assistant
Institute for Policy Research, Northwestern University
Jan. 2021 - Jun. 2021
Evanston, IL
- Worked with data analysis/validation, Qualtrics Software, SEAN survey data, and survey methodologies to document behavioral and socioeconomic trends among state populations during the COVID-19 pandemic
- Tasked with analyzing statistical trends, cleaning gathered survey data, and testing survey tools to improve efficient of data gathering techniques and verify accuracy of topical electronic survey data
- Co-Authored research report on New York state public health behavior trends (https://osf.io/ywk4a/)

Labor Economics Research Intern
Stuart School of Business, Illinois Institute of Technology
Jun. 2021 - Sep. 2021
Chicago, IL
- Researched idiosyncratic deals (i-deals) and labor economics trends. Analyzed negotiation and employment deal-making in the context of changing federal monetary policy, the COVID-19 pandemic, and labor shortages
- Used computational tools to gather data and scholarly literature on negotiation and labor market efficiency
- Presented project findings at research forum in Oct. 2021 (Title: "Idiosyncratic Deals in Employment Arrangements and Labor Market Applications") and explained real-world applications of i-deal usage

Congressional Intern
U.S. House of Representatives, 10th District Office
May 2020 – Aug. 2020
Lincolnshire, IL
- Contacted 500+ voters for census completion, voter registration, and local/national election information through VoteBuilder phone-banking, postcards, and constituent outreach initiatives
- Assisted in constituent outreach initiatives, including the Good Neighbor Program, which helped identify and assist at-risk individuals in the Illinois 10th District during the COVID-19 pandemic and provide essential items
- Compiled resource list for individuals and small businesses needing assistance during the COVID-19 pandemic

OTHER EXPERIENCE

Northwestern Blockchain Group
Research Team
Oct. 2022 - Present
Evanston, IL
- Provide bespoke blockchain implementation research for various clients, including Tokenomics statistical analysis and digital asset research. Collaborating with consulting-arm to provide in-depth advising and research.

Northwestern Investment Management Group
Pitch Group Analyst
Oct. 2022 - Present
Evanston, IL
- Trained in valuation, data analytics, and financial mathematics; conducted primary/secondary research to identify competitive advantages, growth prospects, and business dynamics for cloud-transitioning tech business
- Conducting research for company stock pitches; presenting findings to 40+ members and portfolio committee

ADDITIONAL

Skills: Python, Data Analytics (NumPy/Pandas), Java, Web Development, Academic Research, Debate/Speech
Activities: NU Responsible AI Student Org. (Machine Learning Projects Team), Northwestern Effective Altruism