



LUXMAN MAHESWARAN

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PROFILE

Master in Statistical Science Candidate from an engineering and economics background with two years of analytics experience in healthcare IT.

EDUCATION

Duke University M.S. in Statistical Sciences	Class of 2026
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University of Maryland, College Park B.S. in Chemical Engineering & B.S. in Economics	Class of 2022 GPA: 3.86
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Honors/Awards:

Honors College | President's Scholarship | Dean's List all semesters | 2018 President's Award for Educational Excellence | 2018 State of Maryland Merit Scholastic Award

EXPERIENCE

Epic Systems Verona, WI <i>Technical Solutions Engineer - Analytics Division</i>	July 2022- July 2024
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- Develop analytics strategies using Epic reporting tools
- Present functionality and demo new features to analytics leadership
- Create interactive graphs and perform data analysis with R on feature usage and utility
- Write SQL queries for data analysis against different reporting databases
- Collaborate on implementing predictive models with homegrown cloud and machine learning platforms
- Write Excel VBA to schedule appointments automatically
- Use Power Automate flows to collect and analyze email data
- Recruit new graduates at career fairs

American Enterprise Institute Washington D.C. <i>Research Intern</i>	June 2021- Dec. 2021
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- Review economics research on rent-seeking, agriculture, and maritime trade
- Collect large data sets (50+GB) and collate in R
- Visualize lobbying expenditures in R

Complex Fluids Lab College Park, MD <i>Research Assistant</i>	June 2018- May 2020
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- Construct multi-layer polymer capsules for drug delivery
- Research 3D printing of UV-cured hydrogels
- Research soft polymer batteries made by additive manufacturing

RELEVANT COURSEWORK

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- Graduate Courses: Statistical Inference, Statistical Programming, Predictive Modeling, Financial Markets
 - Intro to Java & OOP - University of Pennsylvania*
 - Programming II - University of Wisconsin, Madison
 - Intro to Data Science in Python - University of Michigan*
 - Using Machine Learning in Trading and Finance – New York Institute of Finance*

*Offered through Coursera

SKILLS

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- Technical Skills: Python, Java, R, SQL, MATLAB, Microsoft Office, Power Automate, Statistical Modeling
 - Soft Skills: Communication, Time Management, Critical Thinking, Problem-Solving