

Adhham R. Zaatri

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» Education

New York University, New York NY

Sept 2020 – Present

- M.S. student in Data Science. GPA (tentative): 3.85

University of North Carolina at Chapel Hill, Chapel Hill, NC

Aug 2017 – May 2020

- B.S. in Quant. Biology, minor in Math. GPA: 3.80
- Honors Carolina program

Graduated

Fordham University, The Bronx, NY

Aug 2016 – May 2017

- Majored in business administration. GPA: 3.89
- Global Business Honors Program

Transferred

Honors/Awards:

- Graduated with Highest Honors and Highest Distinction
 - Phi Beta Kappa National Honor Society and Tau Sigma Honors Society
 - Fordham Dean's list, Fall 2016-Spring 2017; UNC Dean's list, Fall 2017-Spring 2020
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» Relevant Coursework

- Probability & Statistics for Data Science
 - Programming for Data Science
 - Optimization & Linear Algebra
 - Object-Oriented Programming
 - Calculus I, II, and III
 - Honors Business Math
 - Data Structures & Algorithms
 - Methods of Data Analysis
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» Projects and Publications

Predicting and explaining risk of mortality following Thoracic Surgery

Oct 2020 – Present

- Use machine learning (Sklearn, XGBoost, SHAP) to predict surgical risk
- Collaborate to plan technologies, write code, and decide overall direction

Visualizing trends in economic and social freedom

Oct 2020 – Present

- Use Pandas and Plotly to visualize economic and social freedom scores worldwide

Septins and a formin have distinct functions in anaphase chiral cortical rotation

Mar 2018 – Sept 2020

Molecular Biology of the Cell

- Computational research. Pre-accepted for publication pending small revisions
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» Work Experience

Maddox Labs, University of North Carolina at Chapel Hill, Chapel Hill, NC

Computational Researcher

March 2018 – Present

Laboratory Assistant

Aug 2017 – May 2020

- Carry out computational experiments independently or in a small team
- Collect, analyze, and visualize data with Python and R, then communicate findings
- Performed various duties to provide experiment materials with minimal supervision

Queens Public Library, Queens Village, NY

Page

Feb 2017 – Aug 2017

- Ensured library upkeep and usability with minimal supervision.
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» Skills

- Python, R, SQL, Java
- Machine learning
- Data visualization
- Math and Statistics
- Scientific thinking
- Independent working
- Collaboration
- Desire to learn