

# Malcolm J. Mashig

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## Education

<b>Columbia University   MS in Computer Science</b>   New York, NY	2021 - May 2022
<ul style="list-style-type: none"><li>Concentration: Machine Learning</li></ul>	
<b>University of Virginia (UVA)   BA in Statistics &amp; Computer Science</b>   Charlottesville, VA	Class of 2021
<ul style="list-style-type: none"><li>3.9 GPA</li><li>Echols Scholar, <i>College of Arts &amp; Sciences Honors Program</i></li><li>Notable Courses: Artificial Intelligence, Natural Language Processing, Information Retrieval, Cloud Computing, Databases, Software Development, Probability, Regression Analysis, Accounting</li></ul>	
<b>Mahwah High School   Mahwah, NJ</b>	Class of 2018
<ul style="list-style-type: none"><li>Top Five Student Award (based on 101.7 GPA)</li><li>1510 SAT: 780 Math, 730 Reading</li><li>Max Riggsbee Scholarship for “outstanding character and moral fiber in the pursuit of education”</li></ul>	

## Technical Skills

Programming Languages	R, Python, C++, Java, C, SAS, SQL, Haskell, Matlab, Tableau
Machine Learning Tools	TensorFlow, Keras, Scikit-learn, PyTorch, Kaldi
Big Data Tools	Hadoop, Hive, Spark
Other Software	GitHub, Bitbucket, Confluence, Google Colab, Slack, Jira, Excel

## Experience

<b>Theta Equity Partners   Data Scientist</b>   Remote	2021 - Present
<i>A small customer-analytics consultancy pioneering Customer-Based Corporate Valuation (CBCV)</i>	
<ul style="list-style-type: none"><li>Develop software (in R) for generating model diagnostics and client-ready, interactive dashboards</li></ul>	
<b>Research for Sustainable Commerce at UVA   Research Fellow</b>   Charlottesville, VA	2018 - 2021
<i>A team of students under UVA Marketing Professor Jeffrey Boichuk studying how to encourage a “triple bottom line” focus through local business partnerships</i>	
<ul style="list-style-type: none"><li>Analyzed and modeled internet search interest for various B Corporations in an effort to assess the value of B Corp Certification (pursued publication in the Journal of International Business Studies)</li><li>Studied statistical techniques and academic literature in areas such as CBCV and Customer Lifetime Value (CLV)</li><li>Attended 2020 and 2019 RStudio Conferences in San Francisco, CA and Austin, TX</li></ul>	
<b>The Cavalier Daily   Chief Financial Officer</b>   Charlottesville, VA	2018 - 2021
<i>UVA’s student-run, financially-independent news organization with 400+ student staffers, 95K+ monthly readers, and \$90K+ in annual advertising revenue</i>	
<ul style="list-style-type: none"><li>Supervised advertising manager, finance manager, business staff and all greater business operations</li><li>Sold print and digital advertisements to local businesses</li><li>Ensured advertising sales were documented, clients were invoiced and payments were collected</li><li>Constructed annual budgets and biweekly cash-flow forecasts</li><li>Paid monthly expenses, processed payroll and applied for loans (such as the PPP)</li><li>Corresponded with organization’s alumni association and board of directors regarding organization initiatives and fundraisers</li></ul>	
<b>Mathnasium Learning Center   Math Instructor</b>   Ramsey, NJ	2018
<ul style="list-style-type: none"><li>Tutored students in various K-12 math topics</li></ul>	
<b>Stop &amp; Shop Supermarket   Cashier</b>   Franklin Lakes, NJ	2017
<ul style="list-style-type: none"><li>Assisted customers at check-out</li></ul>	