

Malcolm J. Mashig

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Education

2021 – May 2022	Columbia University MS in Computer Science <ul style="list-style-type: none">Machine Learning Concentration	
Class of 2021	University of Virginia BA in Statistics & Computer Science <ul style="list-style-type: none">Echols Scholar, <i>College of Arts & Sciences Honors Program</i>Notable Courses: Artificial Intelligence, Natural Language Processing, Information Retrieval, Cloud Computing, Databases, Software Development, Time Series, Probability, Regression Analysis, Financial Accounting	3.9 GPA
Class of 2018	Mahwah High School <ul style="list-style-type: none">1510 SAT: 780 Math, 730 ReadingTop Five Student Award (ranked by GPA)The Maxwell Riggsbee, Sr. Scholarship for “outstanding character and moral fiber in the pursuit of education”	4.0 GPA

Technical Skills

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

Experience

2018 – Present	Research for Sustainable Commerce Research Fellow <i>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">Analyze and model internet search interest for various B Corporations in an effort to assess the value of B Corp Certification (pursuing publication in JIBS)Study relevant statistical techniques and academic literature in areas such as Customer-Based Corporate Valuation (CBCV) and Customer Lifetime Value (CLV)Attended 2020 and 2019 RStudio Conferences in San Francisco, CA and Austin, TX
2018 – June 2021	The Cavalier Daily Chief Financial Officer <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">Supervised advertising manager + staff, finance manager + staff and all greater business operationsAssisted local businesses in scheduling print and digital advertisementsEnsured advertising sales were documented, clients were invoiced and payments were collectedConstructed annual budgets and biweekly cash-flow forecastsPaid monthly expenses, processed payroll and applied for loans (such as the PPP)Corresponded with organization’s alumni association and board of directors regarding organizational initiatives and fundraisers
2018	Mathnasium Learning Center Math Instructor <ul style="list-style-type: none">Tutored students in various K-12 math topics
2017	Stop & Shop Supermarket Cashier <ul style="list-style-type: none">Assisted customers at check-out
2017	Mahwah Public Library Volunteer <ul style="list-style-type: none">Supervised after-school events in the student center