Malcolm J. Mashig

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Education

2021 – May 2022	**Columbia University**	MS in Computer Science	
	▪ Machine Learning Concentration	
Class of 2021	**University of Virginia**	BA in Statistics & Computer Science	3.9 GPA
	▪ Echols Scholar, *College of Arts & Sciences Honors Program*	
	▪ Notable Courses: Artificial Intelligence, Natural Language Processing, Information Retrieval, Cloud Computing, Databases, Software Development, Time Series, Probability, Regression Analysis, Financial Accounting	
Class of 2018	Mahwah High School	4.0 GPA
	▪ 1510 SAT: 780 Math, 730 Reading	
	▪ Top Five Student Award (ranked by GPA)	
	▪ The Maxwell Riggsbee, Sr. Scholarship for "outstanding character and moral fiber in the pursuit of education"	

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
	Team of students under UVA Marketing Professor Jeffrey Boichuk studying how to encourage a "triple bottom line" focus through local business partnerships
	▪ 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
	UVA's student-run, financially-independent news organization with 400+ student staffers, 95K+ monthly readers, and $90K+ in annual advertising revenue
	▪ Supervised advertising manager + staff, finance manager + staff and all greater business operations
	▪ Assisted local businesses in scheduling print and digital advertisements
	▪ Ensured advertising sales were documented, clients were invoiced and payments were collected
	▪ Constructed annual budgets and biweekly cash-flow forecasts
	▪ Paid 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
	▪ Tutored students in various K-12 math topics
2017	Stop & Shop Supermarket	Cashier
	▪ Assisted customers at check-out
2017	Mahwah Public Library	Volunteer
	▪ Supervised after-school events in the student center