Malcolm J. Mashig

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Objective

Seeking an internship opportunity in which I can develop my analytical and technical skillset and assist in making optimal, data-driven decisions

Education

Class of 2021	**University of Virginia (UVA)**	3.88 GPA

Majors: Statistics & Computer Science

- o Statistics Courses: Time Series, Regression, Mathematical Statistics, Linear Algebra, Probability, Data Analysis, Capstone Project
- o Computer Science Courses: Machine Learning, Artificial Intelligence, Natural Language Processing, Computer Architecture, Software Development, Discrete Mathematics, Program & Data Representation, Theory of Computation
- o Other Courses: Financial Accounting, Managerial Accounting, Commercial Law, Legal Writing, Data Science

Echols Scholar: *College of Arts & Sciences Honors Program*

- o According to the FAQs section on the program's webpage, "selection as an Echols Scholar [upon admission] is a holistic process that considers three main attributes: outstanding academic achievement, academic leadership, and felicity of expression"

Class of 2018	**Mahwah High School**	101.71 GPA

1510 SAT: 780 Math, 730 Reading

35 AP Credits

Top Five Student Award (ranked by GPA)

The Maxwell Riggsbee, Sr. Scholarship

- o Awarded for "outstanding character and moral fiber in the pursuit of education"

Experience

2018 – Pres.	**The Cavalier Daily** | *Chief Financial Officer*

UVA's student-run, financially-independent news organization with 400+ student staffers, 95K+ unique monthly readers and $90K+ in annual advertising revenue

- o Supervise paid Business Manager, Advertising Manager + Staff, Finance Manager + Staff and all greater business-related operations
- o Handle all advertising inquiries; reach out to local organizations/businesses to sell print and digital advertisements; work with clients to ensure fulfillment, invoicing and collected payment of advertisements
- o Tasks include: paying bills, documenting transactions, running payroll, filing taxes, securing loans (such as the PPP), analyzing cash-flow and organizing fundraising efforts

- o Correspond with the organization's Alumni Association and Board of Directors to approve budgets, future plans and funding requests
- o Served as Finance Manager – responsible for compiling biweekly cash-flow forecasts and managing Finance Staff – throughout 2019

2018 – Pres. **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
- o Paid work-study position: 20 hrs/week
- o Analyze and model internet search interest for various B Corps in an effort to assess the value of B Corp Certification (pursuing publication in JIBS)
- o Study relevant statistical techniques and academic literature in areas such as Customer-Based Corporate Valuation (CBCV) and Customer Lifetime Value (CLV)
- o Attended 2020 and 2019 RStudio Conferences in San Francisco, CA and Austin, TX

2018 Mathnasium Learning Center | *Math Instructor*

2017 Stop & Shop Supermarket | *Cashier*

2017 Mahwah Public Library | *Volunteer*

High School Activities

2014 - 17 Boys Varsity Soccer, *Team Captain*
- o Four Year Starter
- o County All-Star (2017)
- o First Team All-Division (2016 & 17)
- o Thunderbird Pride Award (2016 & 17)
- o Second Team All-Division (2015)

2012 - 18 EDP-League Club Soccer (NJ Stallions)

2016 - 17 Mock Trial

2014 - 18 Math League, *Treasurer*

2017 - 18 National Honor Society, *Tutor*

2016 - 18 Math Honor Society

2015 - 18 School Newspaper, *Journalist*

2014 – 17 Soccer Cleats Salesman (via eBay)

Technical Skills

Statistical Programming Languages:
- o R: advanced experience with data pre-processing, exploration and modeling
- o SAS

General-Purpose Programming Languages:
- o Python
- o Java
- o C++
- o C

Other Software: GitHub, Excel and Microsoft App Suite, Google Sheets and Google App Suite