

# Carlyle Morgan

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Website: [www.s-c-morgan.github.io](http://www.s-c-morgan.github.io)

## SKILLS

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Regression Models and Statistical Inference in R and Python; Geodata manipulation and visualization in QuantumGIS; SQL Server Management and Querying; Dashboard and visualization creation in Tableau; Pivot tables and aggregate functions in Microsoft Excel

## EDUCATION

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**Columbia University in the City of New York** New York, NY

*Bachelor of Arts, Mathematics and Statistics; GPA: 3.56* May. 2023

**Myers Park High School** Charlotte, NC

*High School Diploma; GPA: 3.96* Jun. 2019

- International Baccalaureate Diploma Recipient

## RELEVANT COURSEWORK

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Calculus-based Introduction to Statistics, Proof-based Multivariate Calculus and Linear Algebra, Machine Learning in R and Python(Udemy), Introduction to Tableau(Tableau E-Learning), South Asian History

## WORK EXPERIENCE

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**Dan McCready for Congress** Charlotte, NC

*Field Intern* May. 2019 – Aug. 2019

- ❖ Created, managed and queried a Microsoft SQL server to provide formatted summaries of millions of observations of historical campaign finance data. Visualized said data using Google Sheets and Tableau, improving understanding.
- ❖ Developed a program that automated the creation of Google Calendar events from Google Forms input using Google Scripts, allowing for seamless scheduling of 40+ interns.
- ❖ Contacted and persuaded voters on topics ranging from immigration to reproductive health using canvassing and phone banking and trained volunteers of all ages to do likewise.

**Mathnasium LLC** Charlotte, NC

*Instructor* Sept. 2016 – Jun. 2019

- ❖ Simplified mathematical information to be understandable by 100+ different students ages 5-19. Recognized weaknesses in clients' math knowledge and worked to adjust and teach support plans to correct said gaps.
- ❖ Leveraged experience working with children and adults with special needs in order to accommodate learning disabilities.

## EXTRACURRICULARS

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**Columbia College Student Council** New York, NY

*Finance Committee Member* Sept. 2019 –

- Helped develop best-practices for the allocation of over one million dollars to Columbia University student clubs by creating new policies that requiring greater standardization of funding to new clubs and pushing for increased defunding of inactive clubs.

**Journal of Politics and Society** New York, NY

*Associate Editor* Sept. 2019 –

- Helped select the six articles to be published from a pool of content submitted by undergraduate researchers nationwide
- Provided structural and copy edits for articles written by said undergraduate researchers

**North Carolina Episcopal Diocese HUGS Camp** Greensboro, NC

*Helper Camper* Jul. 2016 – Jul. 2018

- Provided emotional support to children and adults with special needs, developing skills in non-verbal communication and learning correct procedures for assisting people who are wheelchair-bound.