

# YOUR NAME

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## EDUCATION

**Middlebury College**, Middlebury, VT

May 2020

**Candidate for Bachelor of Arts: Major: Mathematics, Minor: Spanish**

- GPA: 3.73/4.00
- Coursework: *Multivariable Calculus, Linear Algebra, Vector Analysis, Real Analysis, Data Analysis, Differential Equations, Introductory Computing and Programming, Newtonian Physics, Electricity and Magnetism*
- Language Skills: Spanish; high oral/written proficiency
- Computer Skills: R, Python, C, MATLAB, SQL, SAS, Data Analysis

## EXPERIENCE

**Middlebury College Sports Analytics Group**, Middlebury, VT

September 2017 - Present

**President**

- Use mathematical and statistical modeling techniques to conduct research projects using sports data.
- Conduct lineup analyses, create shot charts, and assist with scouting reports for Middlebury's Men's Basketball team.
- Write articles covering Green Athletics and NESCAC sports for the Green Daily News.
- Projects at: <http://sports.sites.middlebury.edu/name>

**National Institute of Standards and Technology**, Gaithersburg, MD

Summer 2019

**Summer Undergraduate Research Fellow**

- Selected to intern under in the NIST Information Technology Statistical Engineering Division for Dr. Jim Jones.
- Explored techniques for estimating heterogeneity variances in order to improve methods for combining results in collaborative studies with unreliable reported uncertainties.
- Ran Monte Carlo simulations in R and MATLAB to compare various meta-analysis estimators.

**Green University School of Public Health—Department of Biostatistics**, Springfield, VT

Summer 2018

**Research Assistant for Jane Doe, MD**

- Analyze quality of life data for cancer patients with meningioma and low-grade glioma.
- Co-authored a paper entitled "*Quality of Life after Surgery for Arteriovenous Malformation.*" Manuscript submitted to *Neurology* in June 2017.
- Recruited and enrolled study participants at the 2016 American Brain Tumor Association Conference.

**Middlebury College Department of Mathematics**, Middlebury, VT

September 2017 - May 2018

**Tutor**

- Led tutorials in weekly, hour-long individual sessions for Calculus I, II and Multivariable Calculus.

**Middlebury College Symphony Orchestra**, Middlebury, VT

August 2015 – May 2018

**Principal Flute**

- Responsibilities include twice-weekly rehearsal, several concerts, and tour.

**Middlebury College First Year Outdoor Orientation Trips**, Middlebury, VT

March 2017 – September 2017

- Selected to lead incoming first years on backpacking trips around New England, and continue to mentor them throughout the year.

## AWARDS AND CONFERENCES

- NIST Summer Undergraduate Research Fellowship: Middlebury College, Summer 2017
- ABC Fellowship Supporting Cancer Research and the Arts: Green University, Summer 2016
- 123 Fellowship for the Natural Sciences: Middlebury College, Summer 2016
- 2017 MIT Sloan Sports Analytics Conference Attendee; 2016 NBA Hackathon Participant