

# Jessica Keast

207-615-5377

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## Education

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Smith College – Northampton, Massachusetts

B.A. Statistical and Data Sciences, Expected graduation: May 2020

GPA: 3.72/4.0 • Dean's List 2018-2019

## Relevant Coursework

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Capstone in Data Science • Advanced Programming for Data Science • Machine Learning  
Senior Thesis on Twang Detection • Data Journalism • Programming with Data Structures  
Linear Algebra • Visual Storytelling • Research Design & Analysis • Multiple Regression

## Skills

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Programming –R • Python • TidyR • Java • Git

Data Science – Quantitative analysis • Machine learning • Data collection, cleaning, and transformation •  
Data visualization and communication • Web-scraping • Data ethics

## Relevant Experience

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*Data Science for Public Good Intern* – University of Virginia, Arlington, VA 2019

- Collect, clean, and combine data, create data visualizations, and perform statistical analysis in R to determine weights for community embeddedness indicator. Develop survey and best methods to measure benefits of prison education programs. Meet and communicate with stakeholders.

*Computer Science Teaching Assistant* – Smith College, Northampton, MA 2020-Present

- Tutor students on introductory computer science material in Python.

*Fellowships Office Website Assistant* – Smith College, Northampton, MA 2018-2019

- Collect, collate, and maintain data in Excel regarding fellowships, assist with updating website, and write reports. Web-scrape award history in Python and clean data in R.

*Campus School Library Aide* – Smith College, Northampton, MA 2017-Present

- Assist with check-in, check-out, shelving, classroom activities, and other duties.  
Developed an algorithm in Java to identify non-circulating books.

## Additional Experience

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*Parsons House Vice President* – Smith College, Northampton, MA 2019-Present

*Legal Office Assistant* - Kelly, Remmel & Zimmerman, Portland, ME 2015-Present

*Outdoor Orientation Leader* – Smith College, Northampton, MA 2017-2019

*Summer Coaching Internship* – Portland Community Rowing, Portland, ME Summer 2018

*Smith College Varsity Crew* 2016-2018

## Awards & Publications

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- Mu Sigma Rho Statistics Honor Society 2019-Present
- W. Chen, **J. Keast**, J. Moody, C. Moriarty, F. Villalobos, V. Winter, X. Zhang, X. Lyu, E. Freeman, J. Wang, S. Cai, and K. M. Kinnaird. Data Usage in MIR: History & Future Recommendations. In *Proceedings of 20th ISMIR Conference*, 2019.
- ASA DataFest Best in Group 2019