

# Ananda Montoly

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## EDUCATION:

Smith College

Northampton, MA

BA in Computer Science with an intended minor in Statistics. 3.66 GPA

Expected May, 2022

*Coursework:* Web Design, Databases, Computer Graphics, Introduction to Data Science, Data Structures, Advanced Programming Techniques, Theory of Computation, Discrete Mathematics, Communicating with Data (Fall 2020), Microprocessors (Fall 2020), Linear Algebra (Fall 2020), Research Design (Interterm 2021)

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## PROFESSIONAL EXPERIENCE:

### Boise State University

Boise, ID

Research Assistant

Summer 2020

- Wrote sentiment analysis tool for book reviews
- Collated research and wrote introduction for paper on fairness in exposure metrics of recommendation systems at Recsys 2020. Worked under Dr. Michael D. Ekstrand

### Smith College

Northampton, MA

Research Assistant

January 2019 - Present

- Created spreadsheet scraper which analyzed several Syriac Christian texts.
- Collaborated on and presented a poster at TREC 2019
- Worked with newspaper article data in order to determine entity salience using machine learning techniques through python. Extensive use of NumPy, SciPy, and Spacy.
- Wrote Flask server to assist in labeling poetry and relevant Wikipedia articles.
- Member of the Human Computation and Visualization laboratory and the Wordsmith laboratory.

IT Student Consultant

August-October 2019

- Provided technical support on information technology for staff at Smith College.
  - Set up event spaces for presentations and checked audiovisual set-ups
  - Distributed technological resources to staff
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## LEADERSHIP:

### Artists and Vendors liaison and Webmaster

Northampton, MA

Conbust

Fall 2018 - present

- Reached out to independent artists and vendors so they can participate in Conbust and handled contractual obligations. Designed website. Handled refunds after pandemic convention cancellation.
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## SKILLS:

*Languages:* Spanish(conversational)

*Programming Languages:* Python, Java, R, Javascript, Node.JS, HTML/CSS, SQL Cypher.

*Libraries for Data Science:* NumPy, SciPy, scikit-learn, Pandas, Py2neo, NLTK, Beautiful Soup

*Computer:* Microsoft Office Suite, Photoshop (basic), Krita, OpenOffice Suite.

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## VOLUNTEER WORK:

- The Keene Community Kitchen with gleaning, sorting food, event work, connecting to the community, and face painting. 90 hours of experience.
  - Assistant at the Caterpillar Lab as a community educator and cleaner. 40 hours of experience.
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## PUBLICATIONS:

- "The Role of Latency and Task Complexity in Predicting Visual Search Behavior", IEEE 2019 Leilani Battle, R. Jordan Crouser, Audace Nakeshimana, **Ananda Montoly**, Remco Chang, and Michael Stonebraker

More publications listed at [anandamontoly.github.io](https://github.com/anandamontoly)