

# 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, Algorithms (Fall 2020), Microprocessors (Fall 2020), Linear Algebra (Fall 2020)

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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 exposure in recommendation systems at Recsys 2020
- Wrote internal document for accessing servers through ngrok

### 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.
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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.

### Gaming Club Treasurer

Northampton, MA

Smith College Gaming Club

Fall 2019 - Spring 2020

- Handled credit card and cash intake for the gaming club on campus
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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)