

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

Relevant Coursework: Web Design, Databases, Computer Graphics, Introduction to Data Science, Data Structures, Advanced Programming Techniques, Theory of Computation, Discrete Mathematics

PROFESSIONAL EXPERIENCE:

Boise State University

Boise, ID

Information Technology Student Consultant

Summer 2020

- Wrote sentiment analysis tool for book reviews
- Collated research and wrote introduction for paper on exposure in recommendation systems
- Wrote internal document for accessing servers

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

- Reaches out to independent artists and vendors so they can participate in Conbust and handles contractual obligations. Rewriting the website code to store information in a SQLite database

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, HTML/CSS, SQL, and a fast learner of new languages.

Libraries for Data Science: Flask, NumPy, SciPy, scikit-learn, Pandas, TKinter, spaCy, NLTK, Beautiful Soup

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

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