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)

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 and paper at RecSys 2020.
- Worked with newspaper article data in order to determine entity salience using machine learning techniques through python. Extensive use of NumPy, SciPy, and Spacy.
- Member of the Human Computer Interaction laboratory and the Information Retrieval laboratory.

TA for Computer Science   *August 2020-Present*

- Wrote, filmed, and edited online tutorials for students in Introduction to Computer Science.
- Works with students one-on-one or in groups to solve programming assignments for Introduction to Computer Science and Computer Graphics.

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.

SKILLS:

Languages: Spanish(conversational)

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

Python Data Science Libraries: NumPy, scikit-learn, Pandas, Py2neo, NLTK, Beautiful Soup.

Technical: 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.

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