

Jackson Mostoller

+1 602-677-2933

jax.mostoller@gmail.com

Glendale, AZ 85308

<https://mostol.dev/>

SUMMARY

A contribution-driven first-year Human Language Technology graduate student and a voracious learner. I strive to make an impact at every opportunity, from spearheading implementation of a company-wide internal knowledge base improving onboarding and customer service, to refactoring key course assignment code for 10x performance improvements. I've developed proficiency in Python, PyTorch, Numba, graph neural networks, and NLP techniques—and am eager to dive into even more new theories, technologies, and workflows.

EDUCATION

M.S. in Human Language Technology, University of Arizona ***2021 – Present***

- Placed in Top 20 in the IARAI Science4Cast competition, using a temporal graph neural network-based solution
- Developed and contributed an optimization to course assignment code, resulting in 10 times faster modeling for future enrolled students

B.A. in Comparative Literature (Math minor), Brigham Young University ***2017 – 2020***

RELEVANT EXPERIENCE

Lead Designer (Volunteer), Brockbank Education Fund ***2013 – Present***

- Design fundraising campaigns and new initiatives to increase donor engagement
- Completely manage website backed and frontend
- Converted website to a self-hosting and statically-generated design using git and pure HTML, CSS, and JavaScript, reducing costs by over 90%

Independent Tutor ***2020 – Present***

- Recast difficult topics from a variety of perspectives and paradigms into familiar forms to ensure understanding
- Communicate and instruct remotely—and effectively

Relationship Officer, Utah Power CU | Murray, UT ***2018 – 2020***

- Handled member accounts, transactions, and interactions
- Authored internal how-to's, policy statements, and reference info, documenting procedures from all departments for the first time in an internal knowledge base
- Originated and implemented a knowledge graph navigation interface for the internal knowledge base, using HTML and JavaScript in a constrained environment

SKILLS

- Analytical and critical thinking
- Empathy
- Problem-solving
- Adaptability, eagerness to learn
- Collaboration and teamwork
- Dutch language fluency
- HTML/Javascript/CSS proficiency
- Python, PyTorch, Numba, fast.ai proficiency