Aditya Yedetore

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EDUCATION

Johns Hopkins University, Baltimore, MD, USA

- Double Majoring in **Computer Science** and **Cognitive Science** Aug 2018 – Dec 2021
  - Cumulative GPA: 3.75 / 4.0

RESEARCH EXPERIENCE

Vision and Cognition Lab, Undergraduate Research Aug 2019 – Present
- Built a website to run an experiment that probed the interaction between the human object processing system and the linguistic system.
- Crowdsourced experiment participants with MTurk.
- Processed and analyzed data collected, and performed statistical tests that produced results supporting our hypothesis about collective/distributive events.

Computational Psycholinguistics Lab, Undergraduate Research Jan 2020 – Present
- Implemented an experiment to determine if neural networks could learn the syntactic rules of English Question formation from the data available to children.
- Collected and processed data from CHILDES (an online database made up of the speech children might hear when learning a language).
- Trained recurrent neural networks on that data, and performed hyper-parameter search to find best performing model.
- Evaluated models and found results that suggest innate biases may be necessary for a neural network to acquire human language.

LEADERSHIP

Johns Hopkins Outdoors Club (JHOC), Leader Sep 2018 – Present
- Coordinated and led free caving, mountain Biking, and climbing trips for undergrads.
- Organized publicity events.
- Maintained and updated JHOC website.

Johns Hopkins Badminton Club, Team Member Jul 2018 – 2019
- Enabled team to place 4th in the East Coast College 1A division.
- Trained team members.

SKILLS

- Programming: Python, C/C++, Java, Bash: known at an intermediate level
- Development: HTML/CSS, JavaScript, php: website design and implementation
- Version Control: Git
- Frameworks and Libraries: Numpy, Pandas, PyTorch, jQuery
- Misc: NLP, MTurk, Wilderness First Responder, CPR certified

RELEVANT & COURSEWORK

- Linear Algebra, Gateway Computing: JAVA, Discrete Math, Intermediate Programming (C, C++), Probability And Statistics, Data Structures (Java), Computer System Fundamentals, Automata and Computation Theory, Machine Learning

AWARDS & SCHOLARSHIPS

- Dean's List, (Fall 2018, Fall 2019, Fall 2020) Fall 2018, Fall 2019
- Summer Pura Award Summer 2020
  - Grant for summer research, used for deep learning research in the JHU Computational Psycholinguistics Lab.