Jimena Guallar-Blasco

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EDUCATION

Master of Science in Engineering (MSE), Johns Hopkins University   *Graduation Date: May 2024**
Computer Science   Baltimore, USA

Bachelor of Science (BS), Johns Hopkins University   *Graduation Date: May 2024**
Computer Science, (Minor: Linguistics), Departmental Honors   Baltimore, USA

*Combined BS/MSE Program

EXPERIENCE

Human Language Technology Center of Excellence   *Current*
Research Associate, Supervisors: Dr. Kenton Murray & Dr. Reno Kriz

SCALE Program, Human Language Technology Center of Excellence   *Summer 2024*
Research Intern, Supervisors: Dr. Kenton Murray & Dr. Reno Kriz

Center for Language and Speech Processing   *2020-2024*
Student Researcher, Advisor: Dr. Benjamin Van Durme

The Department of Political Science, Johns Hopkins University   *2023-2024*
Student Researcher, Advisor: Dr. Nicolas Jabko

Department of Electrical and Computer Engineering, Johns Hopkins University   *Summer 2019*
Intern, Advisor: Dr. Andreas Andreou

PUBLICATIONS/ABSTRACTS/POSTERS

1. R. Kriz, K. Sanders, D. Etter, K. Murray, C. Carpenter, K. Van Ochten, H. Recknor, **J.Guallar-Blasco**, A. Martin, R. Colaianni, N. King, E. Yang, B. Van Durme, "MultiVENT 2.0: A Massive Multilingual Benchmark for Event-Centric Video Retrieval", arXiv, 2024. (Publication)

2. **J. Guallar-Blasco**, E. Stengel-Eskin, K. Rawlins, B. Van Durme, "Exploration of Why-Question Ambiguity", Mid-Atlantic Colloquium of Studies in Meaning (the 10th MACSIM), 2024. (Poster)

3. **J. Guallar-Blasco**, E. Stengel-Eskin, B. Van Durme, "Analyzing Question Ambiguity in Why-Questions", Mid-Atlantic Student Colloquium on Speech, Language and Learning (MASC-SLL), 2023. (Abstract)

4. E. Stengel-Eskin, **J. Guallar-Blasco**, Y. Zhou, and B. Van Durme, "Why Did the Chicken Cross the Road? Rephrasing and Analyzing Ambiguous Questions in VQA", Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics, 2023. (Publication)

5. E. Stengel-Eskin, **J. Guallar-Blasco**, and B. Van Durme, "Human-Model Divergence in the Handling of Vagueness", in Proceedings of the 1st Workshop on Understanding Implicit and Underspecified Language, Online: Association for Computational Linguistics, 2021. (Publication)

6. E. Stengel-Eskin, **J. Guallar-Blasco**, and B. Van Durme, "Exploring Human-Model Divergence Through Vagueness", Proceedings of the Society for Computation in Linguistics, 2021. (Abstract)

AWARDS/HONORS

Outstanding Undergraduate Researcher Award, Computing Research Association   *2024*
Honorable Mention

LEADERSHIP ROLES

Treasurer, Software Engineering Club, Johns Hopkins University   *2023-2024*

Teaching

Course Assistant, Information Retrieval and Web Agents, Johns Hopkins University *Spring 2023*

Climbing Instructor, Experiential Education, Johns Hopkins University *2021-2024*

Technical Skills

Programming/**Markup**: (expert) Python, Java, LaTeX, CUDA, (proficient) C, C++, HTML

Libraries/**Frameworks**/**Tools**: PyTorch, NumPy, Matplotlib, Pandas, OpenCV, NLTK, Scikit-Learn, Amazon MechanicalTurk, HuggingFace Transformers, Django, Pillow, Keras

Language: (native) English, Spanish, (advanced) French, (intermediate) Korean, Italian