#### Carlos E. Jimenez

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Updated: February 24, 2022

#### **Research Interests**

Representation Learning, Grounded Language Learning, Semantic Parsing, Robustness, Natural Language Interfaces, Responsible AI

#### **Education**

**Princeton University** 

Sep 2020 - Present

PhD Computer Science

Advisor: Prof. Karthik Narasimhan

University of Utah

Jan 2017 - May 2020

B.S. Computer Science (GPA: 3.95, Cum Laude)

Minor: Mathematics

Thesis Supervisor: Prof. Ellen Riloff

De Anza College

Sep 2015 - Dec 2017

**Economics and Computer Information Systems** 

#### Research

### CARETS: A Consistency And Robustness Evaluative Test Suite for VQA

Carlos E. Jimenez, Olga Russakovsky, and Karthik Narasimhan; ACL (2022)

## DataMUX: Data Multiplexing for Neural Networks

Vishvak Murahari, Carlos E. Jimenez, Runzhe Yang, and Karthik Narasimhan; ArXiv preprint. (2022)

### Learning Physical Commonsense Knowledge

Carlos E. Jimenez; University of Utah Technical Report UUCS 20-005. (2020)

### Experience

Data Science Intern

May 2020 - Sep 2020

Kytheran Labs

Salt Lake City, UT

**Teaching Assistant** 

Aug 2019 - Dec 2020

School of Computing, University of Utah

General assistant for CS 3100 Models of Computation

Taught by Prof. Ganesh Gopalakrishnan

Undergraduate Researcher School of Computing, University of Utah Methods and Analysis in Numerical Data Computing Advised by Prof. Ganesh Gopalakrishnan Jan 2019 - Aug 2019

# **Languages and Software**

Python, Numpy, JAX, FLAX, PyTorch, Tensorflow, Plotly, C/C++, SQL, Unix/Linux, Git, C#, Racket, LATeX, Scikit-Learn, Google Cloud Platform, Amazon Web Services, Amazon Mechanical Turk