

Kaylee Burns

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kayburns.github.io

Education

Ph.D. Computer Science, Stanford University

2019 - Present

GPA 4.0. Advised by professors Fei-Fei Li and Dan Yamins.

M.S. EECS, University of California, Berkeley

2018 - 2019

GPA 4.0. Advised by Professor Trevor Darrell.

B.A. Computer Science & Cognitive Science, University of California, Berkeley

2014 - 2018

GPA 3.93. Advised by Professors Tom Griffiths and Trevor Darrell.

Involvement

Teaching Assistant, University of California, Berkeley

EE 126, Probability and Random Processes. 2018

CS 70, Discrete Math and Probability Theory. 2017

CS 61B, Data Structures and Algorithms. 2017, 2016

External Vice President,

Cognitive Science Student Association at UC Berkeley

2017 - 2018

Organized the California Cognitive Science Conference, which is an annual event attended by several hundred guests and 7 acclaimed speakers from a breadth of disciplines. Founded an alumni network of over 400 members. Created a semi-annual digital newsletter by partnering with faculty and recruiting content creators.

Experience

Research Intern, Google

Summer 2021

Robotics research at Google Brain NYC.

Professional

Organizer

Bridging AI and Cognitive Science (BAICS) Workshop at ICML. 2020

Reviewer

Conference on Empirical Methods in Natural Language Processing (EMNLP). 2020

European Conference on Computer Vision (ECCV). 2020

International Conference on Computer Vision (ICCV). 2021
International Conference on Learning Representations (ICLR). 2020, 2021
Neural Information Processing Systems (NeurIPS). 2021
North American Chapter of the Association for Computational Linguistics: Human
Language Technologies (NAACL-HLT). 2019, 2021

Awards

NSF GRFP. 2020-2023
Jim and Donna Gray Award. 2017
Helen Tomasini Scholarship. 2017
Guerra Kung Scholarship. 2017

Publications

Kaylee Burns, Aida Nematzadeh, Erin Grant, Alison Gopnik, and Tom Griffiths.
“Exploiting Attention to Reveal Shortcomings in Memory Models.” In *Analyzing and
Interpreting Neural Networks for NLP Workshop at EMNLP 2018*.

Anna Rohrbach*, Lisa Anne Hendricks*, **Kaylee Burns**, Trevor Darrell, and Kate
Saenko. “Object Hallucination in Image Captioning.” In *Empirical Methods in Natural
Language Processing (EMNLP)*, 2018.

Aida Nematzadeh, **Kaylee Burns**, Erin Grant, Alison Gopnik, & Tom Griffiths. (2018).
“Evaluating theory of mind in question answering.” In *Proceedings of the 2018
Conference on Empirical Methods in Natural Language Processing (EMNLP, Oral)*,
Brussels, October 2018.

Lisa Anne Hendricks*, **Kaylee Burns***, Kate Saenko, Trevor Darrell, Anna Rohrbach.
“Women also Snowboard: Overcoming Bias in Captioning Models.” In *European
Conference of Computer Vision (ECCV)*, 2018.