Stephane Hatgis-Kessell

Aspiring Scientist

Stanford, California — stephane@utexas.edu— American and Greek Citzen

EDUCATION

Ph.D., Computer Science
Starting in September 2024
Stanford University

B.S., Computer Science with Turing Scholars Honors
Year of completion: 2024
GPA: 3.79/4.0
University of Texas at Austin

Awards, Grants, and Recognition

National Science Foundation Graduate Research Fellowship
Awarded $\approx \$150,000$
2024 - 2029

UT Austin Dean's Honored Graduate in the College of Natural Sciences
Given to 1% of graduating students seniors who exemplify and embody the highest ideals of the college
2024

Honorable Mention of the 2024 CRA Outstanding Undergraduate Researcher Award
2024

University-Wide Award for Top Research Project, UT Co-Op George H. Mitchell Award
One of two undergraduate students awarded $\$7,000$
2023

Conference and Journal Publications

AAAI '23
W. Bradley Knox*, **Stephane Hatgis-Kessell***, Sigurdur Orn Adalgeirsson, Serena Booth, Anca Dragan, Peter Stone, and Scott Niekum, *Learning Optimal Advantage from Preferences and Mistaking it for Reward*, arxiv.org/abs/2310.02456, AAAI Conference on Artificial Intelligence.

TMLR '23
W. Bradley Knox*, **Stephane Hatgis-Kessell***, Serena Booth, Scott Niekum, Peter Stone, and Alessandro Allievi, *Models of Human Preference for Learning Reward Functions*, arxiv.org/abs/2206.02231, Transactions on Machine Learning Research.

RLDM '22
W. Bradley Knox*, **Stephane Hatgis-Kessell***, Serena Booth, Scott Niekum, Peter Stone, and Alessandro Allievi, *Extended Abstract: Partial Return Poorly Explains Human Preferences,*, Multidisciplinary Conference on Reinforcement Learning and Decision Making. Selected for oral presentation.

* denotes equal contribution

Workshop Publications

ICML '23
W. Bradley Knox, **Stephane Hatgis-Kessell**, Sigurdur Orn Adalgeirsson, Serena Booth, Anca Dragan, Peter Stone, and Scott Niekum, *Learning Optimal Advantage from Preferences and Mistaking it for Reward*, 2023 ICML Workshop on The Many Facets of Preference-based Learning (MFPL). Selected for oral presentation.

Teaching

Lead Mentor, UT Austin
Reinforcement Learning Directed Reading Group
1/22 - 5/22

Undergraduate Teaching Assistant, UT Austin
Honors Introduction to Computer Science Research
1/22 - 5/22

Lead Mentor, UT Austin
Computer Vision Directed Reading Group
3/21 - 1/22

Employment

Robotics Institute Summer Scholar, Carnegie Mellon University Robotics Institute
Worked in the Advanced Agent Laboratory on emergent communication in multi-agent reinforcement learning, collaborating with Prof. Katia Sycara.
6/22 - 9/22

Research Intern, Bosch R&D, Reinforcement Learning for Autonomous Driving Group
Worked on preference-based reinforcement learning, collaborating with Dr. Alessandro Allievi, Prof. Brad Knox, Prof. Peter Stone, and Prof. Scott Niekum.
3/21 - 6/22