Daniel Fried

CONTACT INFORMATION

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dpfried.github.io

POSITIONS

Assistant Professor, Carnegie Mellon University   2022 – present
Language Technologies Institute, School of Computer Science

Research Scientist, Meta   2024 – present
Postdoc, University of Washington   2021 – 2022
Visiting Researcher, Facebook AI Research   2021 – 2022

EDUCATION

UC Berkeley   2015 – 2021
Ph.D. in Computer Science

University of Cambridge, Churchill College   2014 – 2015
M.Phil. in Computer Science, *with distinction*

University of Arizona   2010 – 2014
B.S. in Computer Science, Mathematics, and Information Science, *summa cum laude*

HONORS & AWARDS

Okawa Research Award, 2023

Google Ph.D. Fellowship in Natural Language Processing, 2019 – 2021

Best M.Phil. Student Award, Cambridge Computer Laboratory, 2015

Churchill Scholarship, 2014 – 2015

NDSEG Fellowship, 2014

STUDENTS

PhD thesis advisor: Andre He (with Sean Welleck), Jing Yu (JY) Koh (with Ruslan Salakhutdinov), Andy Liu (with Mona Diab), Saujas Vaduguru, Zhiruo (Zora) Wang (with Graham Neubig)

MLT thesis advisor: Alex Xie (with Matt Gormley and Vincent Hellendoorn)

Committee member: 13 other PhD students at CMU, Northeastern, and UC Berkeley

PUBLICATIONS

60 publications at NLP and ML conferences and journals: `https://scholar.google.com/citations?hl=en&user=sJDqACEAAAAJ`

TEACHING

Instructor: **11-891, Neural Code Generation**, CMU, Spring 2024

Instructor: **11-877, Advanced Multimodal Machine Learning**, CMU, Spring 2024

Instructor: **11-711, Advanced NLP**, CMU, Fall 2023

Instructor: **11-777, Multimodal Machine Learning**, CMU, 2023 – present

ACADEMIC SERVICE

Workshop co-organizer: Workshop on Large Language Models for Agents, ICLR 2024

Workshop co-organizer: 3rd UnImplicit Workshop, EACL 2024

Workshop co-organizer: 2nd UnImplicit Workshop, NAACL 2022

Workshop co-organizer: 2nd Advances in Language and Vision Workshop, NAACL 2021

Workshop advisory board: Theory of Mind in Communicating Agents, ICML 2023

Outstanding reviewer awards: ACL 2018, NeurIPS 2019, ACL 2020, ACL 2021, ACL 2022

Senior area chair: ACL 2024

Area chair: EMNLP 2022–2024, ACL 2023

Ethics chair: NAACL 2024

OPEN SOURCE

Contributed to open-source code LLMs (InCoder, StarCoder) which have been downloaded over 300,000 times collectively.

Contributed to open-source LLM agent and code generation benchmarks (WebArena, VisualWebArena, DS-1000, BigCodeBench) with over 2000 stars on GitHub collectively.