

Evan Z. Liu

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Education

Stanford University, Stanford, CA 2013–2018

- GPA in Computer Science: 3.94
 - M.S. '18, Computer Science specializing in Artificial Intelligence and Security
 - B.S. with Honors '18, Computer Science, Mathematics secondary major
 - Skills: Machine Learning, Security, Networking, Python, C/C++, Java, Javascript, SQL
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Work and Research Experience

Google Brain, Mountain View, CA Jun. 2018–present

Reinforcement Learning Researcher (AI Resident)

- Proposed novel hierarchical reinforcement algorithm (first-author submission to ICML, 2019)
- Currently designing new information-theoretic algorithms for multi-task skill learning

NLP/RL Research, Stanford University Mar. 2016–Jun. 2018

Researcher advised by Professor Percy Liang

- Areas of interest: (hierarchical) reinforcement learning, semantic parsing, deep learning, security
- Applications of interest: web tasks (e.g. automatic email management or flight booking), building secure systems, healthcare

Bloomberg, New York City, NY Jun. 2015–Sept. 2015

Software Intern

- Created arbitrary keyword searching, filtering, and sorting on ticketing system, which affects all Bloomberg clients, as well as internals

CS 106 Section Leading, Stanford University Jan. 2015–Sept. 2017

Teaching Assistant (3 Quarters)

- Led weekly one-hour session to teach Computer Science topics to Stanford students
- Graded assignments and exams, and gave feedback to students one-on-one

Openproof Logic Project, Stanford University Jan. 2014–Jun. 2015

Teaching Assistant and Software Developer

- Developed new features for automatic proof-writing software
- Collaborated on designing and launching a formal logic online course (average review 5/5, enrollment over 100)
- Led weekly live online office hours to address students' questions and present on logic

Juniper Networks, Sunnyvale, CA July 2014–Aug. 2014

Software Intern

- Collaborated on currently private next-gen project
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Selected Publications and Awards

Reinforcement Learning on Web Interfaces using Workflow-Guided Exploration

Evan Zheran Liu*, Kelvin Guu*, Panupong Pasupat*, Tianlin Shi, Percy Liang

International Conference on Learning Representations (ICLR), 2018 (equal contribution)*

From Language to Programs: Bridging Reinforcement Learning and Maximum Marginal Likelihood

Kelvin Guu, Panupong Pasupat, **Evan Zheran Liu**, Percy Liang

Association for Computational Linguistics (ACL), 2017

Co-authored proposal for Stanford AI Lab seed funding (PIs: Percy Liang and Emma Brunskill) [*funded for \$120K*]

Co-authored proposal for Amazon Research Awards (PI: Percy Liang) [*funded for \$100K*]

Co-authored proposal for Google Faculty Research Awards (PI: Percy Liang) [*funded*]

NSF Graduate Research Fellowship Recipient, 2018