Swabha Swayamdipta

Gabilan Assistant Professor of Computer Science, University of Southern California

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Research Interests

Natural Language Processing and Machine Learning

- Generative Evaluation: Evaluation of generated language via distributional effects or along specific axes
- Language Generation: Improved theory behind inference and algorithms for inference with or without constraints
- Language and Society: Language technologies to study societal biases in humans and models
- Data Interpretability: Estimating the usefulness of data sources for model training and evaluation
- Model (Mechanistic) Interpretability: Understanding predictive behavior and properties of models that uniquely identify them

Professional Experience

University of Southern California — *Los Angeles, CA, USA*

Gabilan Assistant Professor of Computer Science — *Aug 2022 - PRESENT*

- Associate Director of the Center for AI and Society, since Fall 2023

Allen Institute for AI — *Seattle, WA, USA*

Postdoctoral Investigator — *Aug 2019 - June 2022*

- **Advisor**: Yejin Choi
- **Project Team**: MOSAIC

Oracle Server Technologies — *Bangalore, India*

Member Technical Staff — *2010 - 2011*

- **Project:** Unified messaging for Fusion Middleware

Education

Carnegie Mellon University — *Pittsburgh, PA, USA*

PhD in Language and Information Technologies — *2013 - 2019*

- **Advisors:** Noah A. Smith, Chris Dyer
- **University of Washington**, Seattle, WA — *Visiting PhD student Fall 2015 - Summer 2019*
- **Thesis:** Syntactic Inductive Biases in NLP

Columbia University — *City of New York, NY, USA*

Masters in Computer Science — *2011 - 2012*

- **Advisors:** Owen Rambow, Michael Collins
- **Specialization:** Natural Language Processing

National Institute of Technology — *Calicut, Kerala, India*

Bachelors of Technology in Computer Science and Engineering — *2006 - 2010*

Awards and Honors

2023	**Rising Stars Award**, Intel	
2022	**Young Investigators Award**, Allen Institute for AI	
2022	**Gabilan Assistant Professor Fellowship**, Women in Science and Engineering	***USC***
2022	**Outstanding Paper Award**, Understanding Dataset Difficulty with V-Usable Information	***ICML***
2021	**Outstanding Paper Award**, MAUVE: Measuring the Gap Between Neural Text and Human Text using Divergence Frontiers	***NeurIPS***
2020	**Best Paper: Honorable Mention**, Don't Stop Pretraining: Adapt Language Models to Domains and Tasks	***ACL***
2014	**Best Student Presentation**, Diversity in Dependency Parsing	***CMU LTI Student Research Symposium***
2009	**Sun Campus Ambassador Scholarship**, Bangalore, India	***Sun Microsystems***
2003	**National Talent Search Scholarship**, Rourkela, India	***NCERT, India***

Advising

Spring 2024-Present	**Brihi Joshi**, PhD, USC	
Fall 2023-Present	**Matthew Finlayson**, PhD, USC	
Fall 2022-Present	**Sayan Ghosh**, PhD, USC	
Fall 2023-Present	**Jaspreet Ranjit**, PhD, USC	
Spring 2024-Present	**Shauryasikt Jena**, Masters, USC	
Spring 2024-Present	**Xingjian Dong**, Masters, USC	
Spring 2023-Present	**Xinyue Cui**, Masters, USC	
Summer 2023-Present	**Yoonsoo Nam**, Masters, USC	
Summer 2023	**Ruyuan Zuo**, Masters, USC	*Now at Google*
Spring 2022	**Hanjie Chen / Junlin Wang / Abdallah Bashir**, PhD, UVA / Masters, UCI / Masters, Saarland Universit	*AI2 Intern*
Fall 2021	**Jillian Fisher / Liwei Jiang**, PhD, UW	
Summer 2021	**Kawin Ethayarajh**, PhD, Stanford University	*AI2 Intern*
Summer 2021	**Sarah Wiegreffe**, PhD, George Institute of Technology	*AI2 Intern*
Summer 2021	**Ximing Liu**, BS, UW CSE	*AI2 Intern*
Fall 2020-2023	**Alisa Liu**, PhD, UW CSE	
Fall 2020	**Alon Jacovi**, PhD, Bar Ilan University	*AI2 Intern*
Summer 2020-1	**Jenny Liang**, BS, UW CSE	*AI2 Intern*
Summer 2020	**Jize Cao**, BS, UW CSE	*AI2 Intern*
Spring 2020-2023	**Xuhui Zhou**, CLMS, UW Linguistics	
Fall 2019 - Spring 2020	**Yiben Yang**, PhD, Northwestern University	
Fall 2019 - Spring 2020	**Chaitanya Malaviya**, PYI, Allen Institute for AI	
2018 - 2019	**Ron Fan / Karishma Mandyam**, MS, UW CSE / BS, UW CSE	

Teaching

Classes

Spring 2024	**CSCI 499: Language Models in NLP**, Students: 28	***USC***
Fall 2023	**CSCI 499: Language Models in NLP**, Students: 30	***USC***
Fall 2022	**CSCI 699: Data-Centric NLP**, Students: 29	***USC***

Tutorials

2019	**Transfer Learning in Natural Language Processing**, Attendees: 350+	***NAACL***
2018	**Frame Semantics across Languages: Towards a Multilingual FrameNet**, Attendees: 30+	***CoLING***

Guest Lectures

Spring 2024	**Data-Centric NLP**, Host: Xuezhe Ma	*USC CSCI 544: Advanced NLP*
Summer 2023	**Introduction to NLP**, Host: Darin Gray	*Introduction to Engineering for USC Viterbi K-12 Discover Engineering*
Spring 2023	**Contextualizing Bias**, Host: Maja Matarić	*USC CSCI 697: Seminar in CS Research*
Spring 2022	**What's in a dataset?**, Host: Cyrus Shahabi	*USC CSCI 697: Seminar in CS Research*
Spring 2022	**Data-Centric NLP**, Host: Dongyeop Kang	*UMinn. CSCI 8980: Intro / NLP Research*
Spring 2022	**Annotating Ambiguous NLI**, Host: Dirk Hovy	*MilaNLP: Coding Aperitivo*
Spring 2021	**Transfer Learning**, Host: Zaid Harachoui	*UW DATA 598: Statistical Deep Learning*
Fall 2020	**Biases and Interpretability in NLP**, Host: Eunsol Choi	*UT-Austin CS 395T: Topics in NLP*
Winter 2019	**Phrase-Structure Parsing**, Host: Noah A. Smith	*UW CSE 447/547M: NLP*
Spring 2018	**Minimum Bayes Risk Decoding**, Host: Waleed Ammar	*UW CSE 599 D1: Advanced Topics in NLP*
Spring 2018	**Dependency Parsing**, Host: Noah A. Smith	*UW CSEP 517: NLP*
Fall 2017	**Unsupervised Learning**, Host: Noah A. Smith	*UW CSE 446: Machine Learning*
Fall 2014	**Dependency Parsing with Chu-Liu-Edmonds**, Hosts: Chris Dyer, Alon Lavie, Bob Frederking	*CMU 11-271: Algorithms for NLP*

Teaching Assitantship

Spring 2015	**CMU 11-411/611: Natural Language Processing**, Instructors: Chris Dyer, Alan W Black, Shomir Wilson	*Head TA*

Invited Talks

Mar 26, 2024	**Towards (Closed-Source) LLM Accountability via Logit Signatures**, NSF-Open Source Generative AI Workshop	***Cornell Tech***
Mar 13, 2024	**Understanding LLMs through their Generative Behavior, Successes and Shortcomings**, Data Science Seminar	***University of Utah***
Feb 13, 2024	**LLM Inference for Scaling Data Creation**, Intel Rising Stars Talk	***Intel Labs***
Feb 8, 2024	**Understanding LLMs via their Generative Successes and Shortcomings**, LTL Seminar	***University of Cambridge***
Dec 15, 2023	**Understanding LLMs via their Generative Successes and Shortcomings**, Keynote	***ATTRIB Workshop @ NeurIPS 2023***
Nov 16, 2023	**Understanding Online Discourse through Social Context and Structured Pragmatics**, UCLA Communications Symposium	***UCLA***
Oct 3, 2023	**Understanding Data with $\mathcal{V}$-Information**, Keynote	***Towards the Next Generation of Computer Vision Datasets Workshop @ ICCV 2023***
Sep 22, 2023	**The Role of Language Models in Natural Language Processing**, Los Angeles County of Education Computer Science Speaker Series	***Los Angeles***
Aug 24, 2023	**Understanding Datasets and Explanations through $\mathcal{V}$-Information**, Alumni Keynote: CMU LTI Student Research Symposium	***CMU, Pittsburgh***
Jul 13, 2023	**Contextualizing Representations in Varied Annotator Perspectives**, Rep4NLP Workshop	***ACL Toronto***
Jun 14, 2023	**Contextualizing Data in Varied Annotator Perspectives**, Responsible Machine Learning	***Google Brain***
Mar 14, 2023	**Understanding Dataset Difficulty with V-Usable Information**, Cohere for AI Reading Group	***Cohere for AI***
Feb 28, 2023	**Designing Controls and Filters for Dataset Generation**, Spotify Research Seminar	***Spotify Research Labs***
Feb 03, 2023	**What's in a Dataset? Interpreting datasets to enable better data creation**, Amazon Data-Centric AI Seminar	***Amazon***
Feb 01, 2023	**Contextualizing Bias in Hate Speech Detection**, CAIS++ Seminar	***USC***
Nov 18, 2022	**Generating Datasets for Robust Generalization**, SoCal NLP Symposium	***UC Santa Barbara***
Nov 09, 2022	**Contextualizing Bias in Hate Speech Detection through Annotator Perspectives**, Center for AI in Society (CAIS) Seminar	***USC***
May 23, 2022	**The Devil's in the Data: Mapping and Generating Datasets for Robust Generalization**, ACL Spotlight Talks for Young Rising Stars	***Dublin, Ireland***
May 13, 2022	**Mapping and Generating Datasets for Robust Generalization**, CS Seminar	***UC Irvine***
Mar 16, 2022	**Rethinking Dataset Construction: : The Role of Generative Modeling and Annotator Perspectives**, IFDS Ethics Seminar	***UC Santa Cruz***
Oct 20, 2021	**What's in your Data? Mapping Datasets and Exploring Data Usability**, Machine Learning Research Group Talks	***Oracle***
Feb 24, 2020	**Addressing Biases for Robust, Generalizable AI**, NERT Seminar	***Georgetown University***
Feb 12, 2020	**Addressing Biases for Robust, Generalizable AI**, NLP Seminar	***Georgia Tech***
Nov 02, 2020	**Responsible AI: Addressing Biases in Datasets and Models**, E+D Product Leads	***Microsoft***
Oct 30, 2019	**Biases and Learning Challenges in Natural Language Processing**, Rising Stars in EECS	***UIUC***
Oct 18, 2019	**Sprucing up a Dataset: Adversarially Filtering Dataset Artifacts**, Linguistics Colloquium	***UW Linguistics***
Apr 08, 2019	**Learning Challenges in Natural Language Processing**, AI2 Seminar	***Allen Institute for AI***
Apr 04, 2019	**Learning Challenges in Natural Language Processing**, NLP Seminar	***Stanford University***
Mar 13, 2019	**Learning Challenges in Natural Language Processing**, CLSP Seminar	***Johns Hopkins University***
Mar 11, 2019	**Learning Challenges in Natural Language Processing**, CILVR Seminar	***New York University***
Jan 22, 2019	**Learning Challenges in Natural Language Processing**, MSR Seminar	***Microsoft Research, New York***
Sep 15, 2018	**Representation Learning with Linguistic Structure**, MSR AI Breakthroughs Workshop	***Microsoft Research, Redmond***
Apr 27, 2018	**Syntactic Scaffolds for Semantic Structures**, NorthWest NLP	***Microsoft Research, Redmond***

Invited Panels

Jul 13, 2023	**Limitations of Large Language Models**, Rep4NLP Workshop	***ACL Toronto***
Jun 29, 2023	**Generative AI and Education**, Roundtable	***ASEE 2023***
Apr 5, 2023	**AImaginings**, Polymathic Pizza	***USC Sidney Harmon Academy for Polymathic Studies***
Jul 14, 2022	**Adversarial Data Augmentations**, DADC Workshop	***NAACL Seattle***
Jun 17, 2022	**Role of LLMs**, Responsible AI Symposium	***AILA***

Publications

Conference Papers

Closing the Curious Case of Neural Text Degeneration — *ICLR (To Appear) 2024*
- M. Finlayson, J. Hewitt, A. Koller, **S. Swayamdipta**, A. Sabharwal

Does Video Summarization Require Videos? Quantifying the Effectiveness of Language in Video Summarization — *ICASSP (To Appear) 2024*
- Y. Nam, A. Lehavi, D. Yang, D. Bose, **S. Swayamdipta**, and S. Narayanan

NeuroComparatives: Neuro-Symbolic Distillation of Comparative Knowledge — *NAACL-Findings 2024*
- P. Howard, J. Wang, V. Lal, G. Singer, Y. Choi, and **S. Swayamdipta**

Generative Explanations for Program Synthesizers — *ICSE 2024*
- A. Nazari, S. Chattopadhyay, **S. Swayamdipta**, M. Raghothaman

We're Afraid Language Models Aren't Modeling Ambiguity — *EMNLP 2023*
- A. Liu, Z. Wu, J. Michael, A. Suhr, P. West, A. Koller, **S. Swayamdipta**, N. A. Smith, and Y. Choi

MAUVE Scores for Generative Models: Theory and Practice — *JMLR 2023*
- K. Pillutla, L. Liu, J. Thickstun, S. Welleck, **S. Swayamdipta**, R. Zellers, S. Oh, Y. Choi, and Z. Harchaoui

I2D2: Inductive Knowledge Distillation with NeuroLogic and Self-Imitation — *ACL 2023*
- C. Bhagavatula, J. D. Hwang, D. Downey, R. Le Bras, X. Lu, K. Sakaguchi, **S. Swayamdipta**, P. West, and Y. Choi

REV: Information-Theoretic Evaluation of Free-Text Rationales — *ACL 2023*
- H. Chen, F. Brahman, X. Ren, Y. Ji, Y. Choi, and **S. Swayamdipta**

COBRA Frames: Contextual Reasoning about Effects and Harms of Offensive Statements — *ACL-Findings 2023*
- X. Zhou, H. Zhu, A. Yerukola, T. Davidson, J. D. Hwang, **S. Swayamdipta**, and M. Sap

Investigating the Benefits of Free-Form Rationales — *EMNLP-Findings 2022*
J. Sun, **S. Swayamdipta**, J. May, and X. Ma

NeuroCounterfactuals: Beyond Minimal-Edit Counterfactuals for Richer Data Augmentation — *EMNLP-Findings 2022*
P. Howard, G. Singer, V. Lal, Y. Choi, and **S. Swayamdipta**

WaNLI: Worker and AI Collaboration for Natural Language Inference Dataset Creation — *EMNLP-Findings 2022*
A. Liu, **S. Swayamdipta**, N. A. Smith, and Y. Choi

Reframing Human-AI Collaboration for Generating Free-Text Explanations — *NAACL 2022*
S. Wiegreffe, J. Hessel, **S. Swayamdipta**, M. Riedl, and Y. Choi

Annotators with Attitudes: How Annotator Beliefs And Identities Bias Toxic Language Detection — *NAACL 2022*
M. Sap, **S. Swayamdipta**, L. Vianna, X. Zhou, Y. Choi, and N. A. Smith

Understanding Dataset Difficulty with V-Usable Information — *ICML 2022*
- K. Ethayarajh, Y. Choi, and **S. Swayamdipta**
- **Outstanding Paper Award**

MAUVE: Measuring the Gap Between Neural Text and Human Text using Divergence Frontiers — *NeurIPS 2021*
- K. Pillutla, **S. Swayamdipta**, R. Zellers, J. Thickstun, S. Wellecks, Y. Choi, and Z. Harchaoui
- **Outstanding Paper Award**

Contrastive Explanations for Model Interpretability — *EMNLP 2021*
A. Jacovi, **S. Swayamdipta**, S. Ravfogel, Y. Elazar, Y. Choi, and Y. Goldberg

On-the-Fly Controlled Text Generation with Experts and Anti-Experts *ACL 2021*

A. Liu, M. Sap, X. Lu, **S. Swayamdipta**, C. Bhagavatula, N. A. Smith, and Y. Choi

Challenges in Automated Debiasing for Toxic Language Detection *EACL 2021*

- X. Zhou, M. Sap, **S. Swayamdipta**, N. A. Smith, and Y. Choi

Dataset Cartography: Mapping and Diagnosing Datasets with Training Dynamics *EMNLP 2020*

- **S. Swayamdipta**, R. Schwartz, N. Lourie, Y. Wang, H. Hajishirzi, N. A. Smith, Y. Choi

Generative Data Augmentation for Commonsense Reasoning *EMNLP-Findings 2020*

- Y. Yang, C. Malaviya, J. Fernandez, **S. Swayamdipta**, R. LeBras, J. Wang, C. Bhagavatula, Y. Choi, and D. Downey

Adversarial Filters of Dataset Biases *ICML 2020*

- R. LeBras, **S. Swayamdipta**, C. Bhagavatula, R. Zellers, M. E. Peters, A. Sabharwal, and Y. Choi

The Right Tool for the Job: Matching Model and Instance Complexities *ACL 2020*

- R. Schwartz, G. Stanovsky, **S. Swayamdipta**, J. Dodge, and N. A. Smith

Don't Stop Pretraining: Adapt Language Models to Domains and Tasks *ACL 2020*

- S, Gururangan, A. Marasović, **S. Swayamdipta**, K. Lo, I. Beltagy, D. Downey, and N. A. Smith
- **Best Paper Honorable Mention**

Syntactic Scaffolds for Semantic Structures *EMNLP 2018*

- **S. Swayamdipta**, S. Thomson, K. Lee, L. Zettlemoyer, C. Dyer, N. A. Smith.

Learning Joint Semantic Parsers from Disjoint Data *NAACL 2018*

- H. Peng, S. Thomson, **S. Swayamdipta**, N. A. Smith

Annotation Artifacts in Natural Language Inference Data *NAACL 2018*

- S. Gururangan*, **S. Swayamdipta***, O. Levy, R. Schwartz, S. Bowman, and N. A. Smith
- * equal contribution

Polyglot Semantic Role Labeling *ACL 2018*

- P. Mulcaire, **S. Swayamdipta**, and N. A. Smith

Multi-Mention Learning for Reading Comprehension with Neural Cascades *ICLR 2018*

- **S. Swayamdipta**, A. Parikh, T. Kwaitkowski

Greedy, Joint Syntactic and Semantic Parsing with Stack LSTMs *CoNLL 2016*

- **S. Swayamdipta**, M. Ballesteros, C. Dyer, N. A. Smith

A Dependency Parser for Tweets *EMNLP 2014*

- L. Kong, N. Schneider, **S. Swayamdipta**, A. Bhatia, C. Dyer, N. A. Smith

The Pursuit of Power and its Manifestation in Written Dialog *ICSC 2012*

- **S. Swayamdipta**, O. Rambow

Working Papers

Logits of API-Protected LLMs Leak Proprietary Information *Under Submission*

- M. Finlayson, X. Ren, **S. Swayamdipta**,

Crowd-Calibrator: Can Annotator Disagreement Inform Calibration in Subjective Tasks? *Under Submission*

- U. Khurana, E. Nalisnick, A. Fokkens, **S. Swayamdipta**,

Entropy-Constrained Non-Negative Kernel Regression for Sentence-Level Anomaly Detection *Under Submission*

- A. Gulati, X. Dong, C. Hurtado, S. Shekkizhar, **S. Swayamdipta**, A. Ortega

OATH-Frames: Characterizing Online Attitudes towards Homelessness via LLM Assistants *Under Submission*

- J. Ranjit, B. Joshi, R. Dorn, L. Petry, O. Koumoundouros, J. Bottarini, P. Liu, E. Rice, and **S. Swayamdipta**

Annotating FrameNet via Structure-Conditioned Language Generation *Under Submission*

- X. Cui, and **S. Swayamdipta**

Shallow Syntax in Deep Water *arXiv:1908.11047*

- **S. Swayamdipta**, M. Peters, B. Roof, C. Dyer and N. A. Smith

Frame-Semantic Parsing with Softmax-Margin Segmental RNNs and a Syntactic Scaffold *arXiv:1706.09528*

- **S. Swayamdipta**, S. Thomson, C. Dyer and N. A. Smith

DyNet: The Dynamic Neural Network Toolkit *arXiv:1701.03980*

- G. Neubig, C. Dyer, Y. Goldberg, A. Matthews, W. Ammar, A. Anastasopoulos, M. Ballesteros, D. Chiang, D. Clothiaux, T. Cohn, K. Duh, M. Faruqui, C. Gan, D. Garrette, Y. Ji, L. Kong, A. Kuncoro, G. Kumar, C. Malaviya, P. Michel, Y. Oda, M. Richardson, N. Saphra, **S. Swayamdipta**, P. Yin

Workshop Papers

Sister Help: Data Augmentation for Frame-Semantic Role Labeling *LAW-DMR @ EMNLP 2021*

- A. Pancholy, **S. Swayamdipta**, M. R. L. Petruck

Multi-Task Learning for Incremental Parsing using Stack LSTMs *WiML @ NeurIPS 2016*

- **S. Swayamdipta**, M. Ballesteros, C. Dyer, N. A. Smith

CMU: Arc-Factored, Discriminative Semantic Dependency Parsing *SemEval 2014*

- S. Thomson, D. Bamman, J. Dodge, **S. Swayamdipta**, N. Schneider, C. Dyer, N. A. Smith

The CMU Machine Translation Systems *WMT 2014*

- A. Matthews, C. Dyer, A. Lavie, G. Hanneman, W. Ammar, A. Bhatia, **S. Swayamdipta**, E. Schlinger, Y. Tsvetkov

Tutorial and Organization Papers

Proceedings of the 3rd Workshop on Deep Learning Approaches for Low-Resource NLP (DeepLo 2022) *NAACL 2022*

- C. Cherry, A. Fan, G. Foster, G. Haffari, S. Khadivi, N. Peng, X. Ren, E. Shareghi, **S. Swayamdipta**

Transfer Learning in Natural Language Processing *NAACL 2019*

- S. Ruder, M. E. Peters, **S. Swayamdipta**, T. Wolf

Proceedings of the 2nd Workshop on Deep Learning Approaches for Low-Resource NLP (DeepLo 2019) *EMNLP 2019*

- C. Cherry, G. Durrett, G. Foster, R. Haffari, S. Khadivi, N. Peng, X. Ren, **S. Swayamdipta**

Frame Semantics across Languages: Towards a Multilingual FrameNet *CoLING 2018*

- C. F. Baker, M. Ellsworth, M. R. L. Petruck, **S. Swayamdipta**

Professional Service

External Service

Senior Area Chair

- ACL 2024: Sentence-level Semantics
- EMNLP 2024: Machine Learning in NLP

Area Chair

- COLM 2024
- ICLR 2024
- EMNLP 2023: Machine Learning for NLP
- ACL 2023: Interpretability
- EMNLP 2022: Language Models
- EMNLP 2021: Machine Learning for NLP
- NAACL 2021: Sentence-Level Semantics
- EACL 2021: Sentence-Level Semantics
- ACL 2020: Semantics (Long)

Reviewer: Conferences

- ACL (ARR) 2015-2022
- NAACL 2015-2022
- EMNLP 2015-2022
- NeurIPS 2018-2022
- ICML 2015, 2019, 2020, 2023
- EACL 2017
- AAAI 2017-2020
- CoNLL 2017-2018, 2020

Reviewer: Workshops

- NAACL Student Research Workshop 2016
- Workshop for Women in Machine Learning (WiML) at NeurIPS 2016
- Machine Reading for Question Answering (MRQA) Workshop 2017

Reviewer: Journals

- Transactions of ACL 2020 - PRESENT
- Computational Linguistics 2019 - 2022
- Journal of AI Research 2019

Co-organizer

- EACL 2024: Workshop on Uncertainty in NLP 2024
- NAACL 2022: Workshop on Deep Learning in Low Resource NLP (DeepLo) 2022
- EMNLP 2019: Workshop on Deep Learning in Low Resource NLP (DeepLo) 2019
- West Coast NLP Workshop 2018
- Women's Research Day 2017
- UW-NLP Retreat 2015-2016

Mentorship at Conferences

- EMNLP 2020, ACL 2020, EMNLP 2018

Internal Service

Univeristy of Southern California *Los Angeles, CA, USA*

- Diversity, Equity and Inclusion Committee 2023-present
- Distinguished Lectures Committee 2023-present
- Annual Faculty Review Committee 2023-present
- PhD Fellowship Admissions Committee 2022-2023
- Viterbi Undergraduate Admission Scholarship 2023-2024

Allen Institute for AI *Seattle WA, USA*

- Diversity, Equity and Inclusion Committee 2019-2022
- AllenAI Outstanding Engineer Scholarship Committee 2019

Paul G. Allen School of CSE, University of Washington *Seattle WA, USA*

- Faculty Recruiting Liaison 2019
- Graduate Student Advisory Council 2018
- Outreach: Highline Public High School 2017
- CS: Gradswomen 2016-2019

Internships

Allen Institute for AI *Seattle, WA, USA*

Research Intern, **Host**: Matthew E. Peters *Summer-Fall 2018*

- **Project:** Shallow Syntactic Priming of Large-scale Language Models

Google Inc. *New York, NY, USA*

Research Intern, **Host**: Ankur P. Parikh *Summer 2017*

- **Project:** Machine Comprehension for Google Neon

Columbia University *New York, NY, USA*

Research Assistant, Center for Computational Learning Systems *Jan 2013 - May 2013*

Google Inc. *Mountain View, CA, USA*

Software Engineer Intern *Summer 2012*

- Information retrieval evaluation for Google TV search

Microsoft Corporation *Hyderabad, India*

Software Development Intern *Summer 2009*

- **Project:** Search functionality for customer hierarchies

References

Yejin Choi, yejin@cs.washington.edu — *UW; AI2*
Noah A. Smith, noah@cs.washington.edu — *UW; AI2*
Chris Dyer, cdyer@google.com — *Google DeepMind*
Luke Zettlemoyer, lsz@cs.washington.edu — *UW; FAIR*