

# Junlin Wang

2024

📍 Durham, NC  
☎ +1 (201) 218-8508  
✉ [junlinwang18@gmail.com](mailto:junlinwang18@gmail.com)  
🌐 [www.junlinwang.com](http://www.junlinwang.com)  
🔗 [junlinwang](https://github.com/junlinwang)

## Education

- 2022 – **Computer Science Ph.D**, *Duke University*.
- 2020 – 2022 **Computer Science MS**, *University of California, Irvine*.  
UCI GPA: 3.93
- 2016 – 2020 **Computer Science B.S. / Mathematics B.S.**, *University of California, Irvine*.  
UCI GPA: 3.91

## Research Experience

- Sep 2022 – **Research Assistant**, *Prof. Bhuwan Dhingra*.  
📍 Durham, NC  
◦ LLM Reasoning, Agent, Alignment.
- Nov 2018 – **Research Assistant**, *Prof. Sameer Singh*.  
June 2022 📍 Irvine, CA

## Publications

- 2024 **In Submission**, Improving Model Alignment Through Collective Intelligence of Open-Source Models.  
**Junlin Wang**, Roy Xie, Shang Zhu, Jue WANG, Ben Athiwaratkun, Bhuwan Dhingra, Shuaiwen Leon Song, Ce Zhang, James Zou
- 2024 **In Submission**, Staircase Streaming for Low-Latency Multi-Agent Inference.  
**Junlin Wang**, Jue WANG, Zhen Xu, Ben Athiwaratkun, Bhuwan Dhingra, Ce Zhang, James Zou
- 2024 **In Submission**, Mixture-of-Agents Enhances Large Language Model Capabilities.  
**Junlin Wang**, Jue Wang, Ben Athiwaratkun, Ce Zhang, James Zou
- 2024 **EMNLP**, Token Economies: Budget-Aware Evaluation of LLM Reasoning Strategies.  
**Junlin Wang**, Siddharth Jain, Dejiao Zhang, Baishakhi Ray, Varun Kumar, Ben Athiwaratkun
- 2024 **EMNLP**, ReCaLL: Membership Inference via Relative Conditional Log-Likelihoods.  
Roy Xie, **Junlin Wang**, Ruomin Huang, Minking Zhang, Rong Ge, Jian Pei, Neil Zhenqiang Gong, Bhuwan Dhingra
- 2024 **EMNLP Findings**, Adversarial Math Word Problem Generation.  
Roy Xie, Chengxuan Huang, **Junlin Wang**, Bhuwan Dhingra
- 2024 **ACL Findings**, Raccoon: Prompt Extraction Benchmark of LLM-Integrated Applications.  
**Junlin Wang\***, Tianyi Yang\*, Roy Xie, Bhuwan Dhingra

- 2023 **NAACL Findings**, NeuroComparatives: Neuro-Symbolic Distillation of Comparative Knowledge.  
Phillip Howard\*, **Junlin Wang\***, Vasudev Lal, Gadi Singer, Yejin Choi, Swabha Swayamdipta
- 2022 **EACL Workshop**, GAP-Gen: Guided Automatic Python Code Generation.  
**Junlin Wang\***, Yurun Song\*, Junchen Zhao\*, Ian Harris.
- 2022 **EAAI**, Maestro: A Gamified Platform for Teaching AI Robustness.  
Margarita Geleta, Jiachen Xu, Manikanta Loya, **Junlin Wang**, Sameer Singh, Zhou Li, Sergio Gago-Masague
- 2020 **EMNLP Findings**, Gradient-based Analysis of NLP Models is Manipulable.  
**Junlin Wang\***, Jens Tuyls\*, Eric Wallace, Sameer Singh.
- 2019 **EMNLP, Best Demo Award**, AllenNLP Interpret: A Framework for Explaining Predictions of NLP Models.  
Eric Wallace, Jens Tuyls, **Junlin Wang**, Sanjay Subramanian, Matt Gardner, and Sameer Singh.
- Link [paper](#) | [Landing Page](#) | [Demo](#)
- 2019 **SPIE Nanoscience + Engineering**, Improved regressions with convolutional neural networks for surface enhanced Raman scattering sensing of metabolite biomarkers.  
William John Thrift; Cuong Quoc Nguyen; **Junlin Wang**; Jason Ernest Kahn; Ruijun Dong; Andrew Benjamin Laird; Regina Ragan.
- Link [paper](#)

## Industry Experience

- May-Aug 2024 **Together AI**, *Research Intern*.  
📍 San Francisco, California
- May-Aug 2023 **Amazon AWS AI**, *Applied Scientist Intern*.  
📍 Santa Clara, California
- Jan-Aug 2022 **Intel Labs**, *NLP Research Intern*.  
📍 Santa Clara, California
- Jun-Sep 2021 **Tencent**, *NLP Research Intern*.  
📍 Shenzhen, Guangzhou
- Jun-Sep 2019 **Comcast Applied AI Research Lab**, *NLP Research Intern*.  
📍 Washington, DC

## Projects

<https://isthatyou.github.io/pages/index.html>.

## Honors and Awards

- |          |                    |  |
|----------|--------------------|--|
| Nov 2019 | Best Demo Award    | <i>EMNLP 2019</i>                            |
| Apr 2019 | Best Visualization | <i>DataFest 2019</i>                         |
| Feb 2018 | E-SURP fellowship  | <i>The Edward Lifesciences Center at UCI</i> |

Oct 2017	3rd Place	<i>Microsoft Coding Competition at UCI</i>
May 2017	Best Project and Development Practices	<i>BeachHacks</i>
Apr 2017	1st Place	<i>1st Tippers IOT Hackathon</i>
2018-2020	ICS Honors Program	<i>UCI</i>
2016-2020	Dean's Honor List	<i>UCI</i>

## --- Presentations and Talks

### Poster Presentations

Mar 2020	<b>AllenNLP Interpret: A Framework for Explaining Predictions of NLP Models</b> , poster presentation at WeCNLP, 2020.
Nov 2019	<b>AllenNLP Interpret: A Framework for Explaining Predictions of NLP Models</b> , poster presentation at EMNLP 2019, HK.
Oct 2018	<b>Automatic Segmentation of CTA Imaging on Coronary Arteries</b> , Heart to Heart Training Club in the Edwards Lifesciences Center for Advanced Cardiovascular Technology, Irvine, CA.

### Talk

Sep 2019	<b>Feedback Mini-Batching: Automatically Detecting Data Artifacts and Robust Training</b> , Lab Week Talk at Comcast Applied AI Research Lab, Washington, DC.
Nov 2018	<b>Interpretations and Adversarial Attacks of DNN Models</b> , Talk at ACM Club Seminar, Irvine, CA.

## --- Services

2024	ICLR	<i>Reviewer</i>
2024	Neurips	<i>Reviewer</i>
2024	ACL ARR June	<i>Reviewer</i>
2024	ACL ARR February	<i>Reviewer</i>
2023	ACL ARR December	<i>Reviewer</i>

## --- Involvements and Leadership

2019 – 2020	Vice President	<i>Association for Computing Machinery (ACM) – UCI Chapter</i>
2018 – 2019	Vice President	<i>Artificial Intelligence club – UCI</i>