Anthony Chen

✉ anthony.chen@uci.edu
anthonywchen.github.io

Research Interests

Natural Language Generation, Generation is a fundamental task encompassing summarization, translation, and question answering, however, evaluating generated text is challenging. My efforts have been focused on developing *learned* metrics for evaluation.

Generalization, I'm interested in classifiers that generalize beyond their training distribution and are less reliant on spurious biases. To this end, I've been working on *generative* classifiers.

Education

2018-Now **PhD in Computer Science**, *University of California, Irvine*,
Advised by Sameer Singh.

2016-2018 **M.S. in Computer Science**, *University of California, Irvine*.

2012-2016 **B.S. in Computer Science**, *University of California, Davis*.

Publications

2021 **There's More Than One Abe Lincoln: Evaluating Entity Disambiguation in Retrieval-Based NLP**,
Anthony Chen, Pallavi Gudipati, Shayne Longpre, Xiao Ling, and Sameer Singh.
Association for Computational Linguistics (ACL-IJCNLP)

2020 **MOCHA: A Dataset for Training and Evaluating Generative Reading Comprehension Metrics**,
Anthony Chen, Gabriel Stanovsky, Sameer Singh, and Matt Gardner.
Empirical Methods in Natural Language Processing (EMNLP)

2019 **Evaluating Question Answering Evaluation**,
Anthony Chen, Gabriel Stanovsky, Sameer Singh, and Matt Gardner.
Machine Reading for Question Answering Workshop @ EMNLP **Best Paper**

Industry Experience

Summer 2021 **Research Intern**, Verneek, *New York, New York*.

Summer 2020 **Research Intern**, Apple, *Cupertino, CA*.

- Worked on the Siri query understanding team, developing an evaluation set to assess the robustness of the entity linking system on tail entities.

Summer 2018 **Data Scientist Intern**, Ancestry, *San Francisco, CA*.

Summer 2017 **Data Scientist Intern**, Allstate, *Menlo Park, CA*.

2014 **Software Engineer and DevOps Intern**, Intel, *Folsom, CA*.

Skills

ML Frameworks PyTorch, AllenNLP

Storage Frameworks Hadoop, SQL

Languages Python, Java, C/C++