Jacob Morrison

Seattle, Washington

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EDUCATION

University of Washington — 2021 - Present
M.S. in Computational Linguistics

University of Washington — 2013 - 2017
B.S. in Computer Science
Minor in Mathematics

EXPERIENCE

X, the moonshot factory – Mountain View, CA — Summer 2022
AI Resident
Confidential research projects using very large language models for coding & program synthesis.

University of Washington – Seattle, WA — Sep 2021 - Jun 2022
Graduate Research Assistant
Advisors: Jungo Kasai & Noah Smith
Research in deep learning for natural language processing. Investigated improvements to evaluating machine-generated text, and explored techniques for merging transformer models.

Twitter – Seattle, WA — Summer 2021
Data Scientist Intern
Analyzed bias and negative feedback loops in machine learning models for detecting abusive interactions. Discovered multiple categories of abusive tweets that were misclassified as non-abusive.

Allen Institute for Artificial Intelligence – Seattle, WA — Spring 2021
Research Engineer Intern
Implemented state of the art language + vision machine learning models into the AllenNLP platform for tasks including visual question answering, visual entailment, and caption-based image retrieval.

Google – Kirkland, WA — Jan 2019 - Feb 2021
Software Engineer
Developed a platform for advertisers to run statistically rigorous experiments on their ad campaigns. Lead the design and implementation of a revamped interface based on user feedback, designed and built more accurate and efficient data analysis pipelines, and investigated new statistical methodologies.

Tableau – Seattle, WA — Sep 2017 - Dec 2018
Software Engineer
Lead the design and implementation of a platform for easily creating and deploying microservices to Kubernetes on AWS, reducing the time to release code from hours to under 10 minutes.

PUBLICATIONS

[1] Jungo Kasai, Keisuke Sakaguchi, Ronan Le Bras, Lavinia Dunagan, **Jacob Morrison**, Alexander R. Fabbri, Yejin Choi, & Noah A. Smith *Bidimensional Leaderboards: Generate and Evaluate Language Hand in Hand*. NAACL 2022.

[2] Jungo Kasai, Keisuke Sakaguchi, Lavinia Dunagan, **Jacob Morrison**, Ronan Le Bras, Yejin Choi, & Noah A. Smith. *Transparent Human Evaluation for Image Captioning*. NAACL 2022.