

Jacob Morrison

206-504-9132 | jacob@jdm.ai | jdm.ai

Education

University of Washington

M.S. in Computational Linguistics

- Advisor: Noah Smith

Seattle, WA

Sep 2021 - Dec 2022

University of Washington

B.S. in Computer Science

- Minor in Mathematics

Seattle, WA

Sep 2013 - Jun 2017

Awards

2023 **National Science Foundation**, Computer and Information Science and Engineering Graduate Fellowship

\$159,000

Research Experience

Allen Institute for Artificial Intelligence

Predoctoral Young Investigator

- Mentors: Pradeep Dasigi & Jesse Dodge
- Research on efficient, modular, and fair natural language processing

Seattle, WA

Jan 2023 - Present

Public Policy Lead

- Founded and lead AI2's public policy team; devised AI2's first organizational public policy strategy

May 2023 - Present

X, the moonshot factory (formerly known as Google [x])

AI Resident

- Confidential research applying large language models to problems in code generation & program synthesis

Mountain View, CA

Summer 2022

University of Washington, Computer Science & Engineering

Graduate Research Assistant

- Advisors: Jungo Kasai & Noah Smith
- Investigated how well correlated automated evaluation metrics are with human judgements

Seattle, WA

Sep 2021 - Jun 2022

Allen Institute for Artificial Intelligence

Research Engineer Intern

- Implemented language + vision models into the AllenNLP platform

Seattle, WA

Spring 2021

University of Washington, Computer Science & Engineering

Undergraduate Research Assistant

- Advisors: Yangfeng Ji & Noah Smith
- Created a generic, attention-based model for representing related pairs of text

Seattle, WA

Dec 2016 - Aug 2017

Publications & Press

PREPRINTS

Dolma: an Open Corpus of Three Trillion Tokens for Language Model Pretraining Research

Luca Soldaini, Rodney Kinney, Akshita Bhagia, Dustin Schwenk, David Atkinson, Russell Authur, Ben Bogin, Khyathi Chandu, Jennifer Dumas, Yanai Elazar, Valentin Hofmann, Ananya Harsh Jha, Sachin Kumar, Li Lucy, Xinxin Lyu, Ian Magnusson, Jacob Morrison, Niklas Muennighoff, Aakanksha Naik, Crystal Nam, Matthew E. Peters, Abhilasha Ravichander, Kyle Richardson, Zejiang Shen, Emma Strubell, Nishant Subramani, Oyvind Tafjord, Evan Pete Walsh, Hannaneh Hajishirzi, Noah A. Smith, Luke Zettlemoyer, Iz Beltagy, Dirk Groeneveld, Jesse Dodge, Kyle Lo

arXiv, 2023

CONFERENCE PROCEEDINGS

Transparent Human Evaluation for Image Captioning

Jungo Kasai, Keisuke Sakaguchi, Lavinia Dunagan, Jacob Morrison, Ronan Le Bras, Yejin Choi, Noah A. Smith

Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, 2022, Seattle, United States

Bidimensional Leaderboards: Generate and Evaluate Language Hand in Hand

Jungo Kasai, Keisuke Sakaguchi, Ronan Le Bras, Lavinia Dunagan, Jacob Morrison, Alexander Fabbri, Yejin Choi, Noah A. Smith

Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, 2022, Seattle, United States

PRESS

City of Seattle Releases Generative Artificial Intelligence Policy for City Employees

Nov 2023

Office of the Mayor of Seattle

Tech policy leaders explore new frontiers for supporting (and regulating) AI at forum

Aug 2023

GeekWire

- Organized the Future of AI Forum with U.S. Senator Maria Cantwell's office

Presentations

Responsible, Real World AI Development and Deployment

Nov 2023

State of Washington AI Community of Practice

Industry Experience

Twitter

Seattle, WA

Data Scientist Intern

Summer 2021

- Analyzed very large datasets to improve the health of discussion on Twitter, focusing on abusive interactions
- Investigated negative feedback loops in the training and deployment of large machine learning models for content moderation

Google

Kirkland, WA

Software Engineer

Jan 2019 - Feb 2021

Tableau

Seattle, WA

Software Engineer

Sep 2017 - Dec 2018

Teaching Experience

University of Washington, Computer Science & Engineering

Seattle, WA

Head Teaching Assistant

Fall 2022

- Lead a team of five TAs for a natural language processing course with over fifty undergraduate and graduate students
- Coordinated and managed all grading, office hours and guest lectures

University of Washington, Mathematics Department

Seattle, WA

Grading Assistant

Mar 2014 - Jun 2016

- Graded weekly differential equations, linear analysis and multivariable calculus assignments
- Calculated, recorded and ensured the accuracy of grades for 100-200 students per quarter

University of Washington, Computer Science & Engineering

Seattle, WA

Teaching Assistant

Fall 2015

- Taught weekly sections, covering introductory programming concepts and departmental best practices
- Created lesson plans and grading criteria, and set points of emphasis with other TAs and instructors
- Received an above average rating, including in teaching effectiveness and feedback quality

Service

City of Seattle

Seattle, WA

City University Community Advisory Committee Member

Jan 2023 - Present

- Community representative to a joint committee between the University of Washington and City of Seattle
- Advised on major projects such as campus expansion, land redevelopment, and housing availability

UW Alumni Association

Seattle, WA

District Representative

Jun 2023 - Present

- Lobbied state lawmakers on behalf of the UW Alumni Association

Seattle, WA

GOLD Alumni Councilmember

Jan 2023 - Present

- Committee is comprised of graduates of the last decade from all University of Washington campuses
- Engaged current students and alumni through events such as career talks, social events, and recruitment drives

Seattle, WA

Early Career Mentor

Sep 2022 - Present

- Mentored current students in regular advising sessions as they start their careers in software engineering and research
- Focused mentorship efforts on underrepresented groups such as first-generation college students