Jacob Morrison

Seattle, Washington

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EDUCATION

University of Washington – Seattle, WA   2021 - 2022
M.S. in Computational Linguistics

University of Washington – Seattle, WA   2013 - 2017
B.S. in Computer Science
Minor in Mathematics

RESEARCH EXPERIENCE

Allen Institute for Artificial Intelligence – Seattle, WA   Spring 2021
Research Engineer Intern
Advisor: Dirk Groeneveld

Contributed to machine learning research projects in the AllenNLP platform. Implemented state of the art machine learning models and training architecture for language + vision tasks, including visual question answering, visual entailment, and caption-based image retrieval.

University of Washington – Seattle, WA   December 2016 - August 2017
Undergraduate Research Assistant
Advisors: Yangfeng Ji & Noah Smith

Created a deep learning model for representing and predicting sentence pair relationships, and achieved near-state of the art performance on a diverse set of evaluation tasks, including question answering, discourse relation prediction, and semantic entailment. Presented findings in an on campus poster session.

INDUSTRY EXPERIENCE

Twitter – Seattle, WA   Summer 2021
Data Scientist Intern

Analyzed bias in machine learning models for detective abusive interactions, and investigated new spam detection techniques.

Google – Kirkland, WA   January 2019 - February 2021
Software Engineer

Developed new features and methodologies for a statistically rigorous platform for running A/B experiments on ad campaigns.

Tableau – Seattle, WA   September 2017 - December 2018
Software Engineer

Lead the design and implementation of a platform for easily creating and deploying microservices.

TEACHING EXPERIENCE

University of Washington – Seattle, WA
Teaching Assistant – Intro to Computer Science I/II   Fall 2015
Grading Assistant – Linear Algebra, Multivariable Calculus   March 2014 - June 2016

SKILLS

Languages: Java, Python, Dart
Packages: PyTorch, AllenNLP
Topics: Machine Learning, Natural Language Processing