Jason Wei

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Education	**Dartmouth College**	2016 - 2020
	A.B. in Computer Science, GPA: 3.90/4.00	
	Teaching Assistant, Machine Learning and Statistical Analysis (CS 74/174), Spring 2018	

Publications

EDA: Easy Data Augmentation Techniques for Boosting Performance on Text Classification Tasks
EMNLP-IJCNLP 2019
Jason Wei, Kai Zou

Generative Image Translation for Data Augmentation in Colorectal Histopathology Images
NeurIPS ML4H Workshop 2019
Jerry Wei, Arief Suriawinata, Louis Vaickus, Bing Ren, Xiaoying Liu, **Jason Wei,** Saeed Hassanpour

Pathologist-level Classification of Histologic Patterns on Resected Lung Adenocarcinoma Slides with Deep Neural Networks
Scientific Reports 2019
Jason Wei, Laura Tafe, Yevgeniy Linnik, Louis Vaickus, Naofumi Tomita, Saeed Hassanpour

Detection of Cancerous and Precancerous Esophagus Tissue on Histopathology Slides Using Attention-Based Deep Neural Networks
JAMA Network Open 2019
Naofumi Tomita, Behnaz Abdollahi, **Jason Wei,** Bing Ren, Arief Suriawinata, Saeed Hassanpour

Automating the Paris System for Urine Cytopathology: A Hybrid Deep Learning and Morphometric Approach
Cancer Cytopathology 2019
Louis Vaickus, Arief Suriawinata, **Jason Wei,** Xiaoying Liu

Automated Celiac Disease Detection on Duodenal Biopsy Slides: A Deep Learning Approach
Journal of Pathology Informatics 2019
Jason Wei, Jerry Wei, Christopher Jackson, Bing Ren, Arief Suriawinata, Saeed Hassanpour

Predicting Colorectal Polyp Recurrence using Time-to-Event Analysis of Medical Records
AMIA Informatics Summit 2020
Lia Harrington, **Jason Wei,** Arief Suriawinata, Todd Mackensie, Saeed Hassanpour

(In progress)

A Multi-Institutional Evaluation of Deep Neural Networks for Classification of Colorectal Polyps on Histopathology Slides
Jason Wei, Arief Suriawinata, Louis Vaickus, Bing Ren, Xiaoying Liu, Mikhail Lisovsky, Naofumi Tomita, Behnaz Abdollahi, Adam Kim, Dale Snover, John Baron, Elizabeth Barry, Saeed Hassanpour

Narrative Origin Classification of Israeli-Palestinian Texts
Jason Wei, Eugene Santos Jr.

Code	**EDA: Easy Data Augmentation for NLP**	2019
	Github, 400+ stars, `https://github.com/jasonwei20/eda_nlp`	
	DeepSlide: histopathology image classification	
	Github, 200+ stars, `https://github.com/BMIRDS/deepslide`	
Employment	**DoorDash**	Sep. 2019 - Dec. 2019
	Software Engineering Intern, San Francisco, CA	
Honors	Barry Goldwater Scholar	2019
	Tau Beta Pi	
	Rufus Choate Scholar (top 5% of class)	2018
Reviewing	NeurIPS ML4H Workshop (2019), AMIA Informatics Summit (2019), Scientific Reports (2019)	