

Ivan Montero

(425) 496-3342 | ivanspmontero@gmail.com | www.ivamon.com

Education

University of Washington

M.Sc. COMPUTER SCIENCE

- Advisor: Noah A. Smith

Seattle, WA

Sept. 2021 - June 2022

University of Washington

B.Sc. COMPUTER SCIENCE

- GPA: 3.9
- Undergrad research advisors: Noah A. Smith, Nikolaos Pappas

Seattle, WA

Sept. 2017 - June 2021

Papers

Ivan Montero, Nikolaos Pappas, Noah A. Smith, "Sentence Bottleneck Autoencoders from Transformer Language Models", Under Review, 2021.

Ivan Montero, Shayne Longpre, Ni Lao, Andrew J. Frank, Christopher DuBois, "Pivot Through English: Reliably Answering Multilingual Questions without Document Retrieval", Under Review, 2020. URL <https://arxiv.org/abs/2012.14094>

Florian Mai, Nikolaos Pappas, **Ivan Montero**, Noah A. Smith, James Henderson, "Plug and Play Autoencoders for Conditional Text Generation", In *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2020. URL <https://www.aclweb.org/anthology/2020.emnlp-main.491>

Professional Experience

June 2021 - Sept. 2021 **Research Intern, APPLE**

Question Answering

Sept. 2020 - Dec. 2020 **Software Engineering Intern, FACEBOOK**

Image Understanding Improvements to Photo Search on the Visual Search Relevance team.

June 2020 - Sept. 2020 **Software Engineering Intern, GOOGLE**

Embedding Retrieval Optimizations on the Machine Learning Google Research team.

March 2020 - June 2020 **Research Intern, APPLE**

Pivot Through English: Reliably Answering Multilingual Questions without Document Retrieval

June 2019 - Sept. 2020 **Teaching Assistant, UNIVERSITY OF WASHINGTON**

Machine Learning

June 2019 - Sept. 2019 **Software Engineering Intern, GOOGLE**

Street View Billboard Detection And Physical Metric Inference on the Ads team.

June 2018 - Sept. 2018 **Engineering Practicum Intern, GOOGLE**

Image Clustering Pipeline design/implementation on Image Understanding Google Research.

Teaching Experience

Winter 2020 **Machine Learning**, Teaching Assistant

Autumn 2019 **Machine Learning**, Teaching Assistant

Spring 2019 **Software Design and Implementation**, Teaching Assistant

Research Experience

Work in progress!

Awards, Fellowships, & Grants

- 2019 **Microsoft Endowed Scholarship**, Microsoft
- 2018 **Washington State Opportunity Scholarship**, WSOS
- 2017 **Paul G. Allen School Direct Admission**, University of Washington
Edward Jones Maple Valley Scholarship, Edward Jones
Public School Employee Union Scholarship, Tahoma School District