

Alona Fyshe

Assistant Professor at University of Victoria, Computer Science

Department

Victoria, BC, CA

Machine Learning and the Neuroscience of Language Understanding

Description

Alona Fyshe is an Assistant Professor in the Computer Science Department at the University of Victoria and a CIFAR Global Scholar. Alona received her BSc and MSc in Computing Science from the University of Alberta, and a PhD in Machine Learning from Carnegie Mellon University. Alona uses machine learning to leverage large amounts of text and neuroimaging data to understand how people mentally combine words to create higher-order meaning.

Industry Expertise

Computer Software, Research

Topics

Machine Learning, Neuroscience and Language, Computational Linguistics, Natural Language Processing, Data Analysis and Data Mining, Data Science, Computer Science

Affiliations

Past Talks

Corpora, Cognition and Composition: Exploring Semantics in the Human Brain

CLSP Seminar

The Semantics of Phrases and Sentences in the Human Brain

Research Seminar

Decoding semantics from phrases and sentences using magnetoencephalography.

BioMAG

Interpretable Semantic Vectors from a Joint Model of Brain- and Text- Based Meaning

Machine Learning Lunch

Education

Carnegie Mellon University

Ph.D. Machine Learning

University of Alberta

B.Sc. Computing Science

Accomplishments

Canadian Institute For Advanced Research Global Scholar

The CIFAR Global Scholar award funds researchers within five years of their first academic appointment, helping them build research networks and develop essential skills needed to become leaders in global research
<https://www.cifar.ca/assets/inaugural-cifar-azrieli-global-scholars-appointed/>

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