

DUMITRU ERHAN

1 Market St, Spear Tower, Suite 400, San Francisco (CA), 94105, USA
+1-330-366-6433 • dumitru@erhan.io

EDUCATION

- 2006—2011 **Université de Montréal (UdeM), Canada**
Doctor of Philosophy (PhD) in **Computer Science (Informatique)**
Thesis: Understanding deep architectures and the effect of unsupervised pre-training
Advisor: Yoshua Bengio
- 2004—2006 **Université de Montréal**
Master of Science (MSc.) in **Computer Science (Informatique)**
Thesis: Collaborative filtering techniques for drug discovery
Advisor: Yoshua Bengio
- 2011—2004 **Jacobs University Bremen, Germany**
Bachelor of Science (BSc.) in **Electrical Engineering & Computer Science**
Thesis: Combining Echo-State Networks with gradient-descent Recurrent Neural Network learning
Advisor: Herbert Jaeger

WORK EXPERIENCE

- August 2012—present : Research Scientist at **Google, San Francisco (CA), USA**: Part of the Google Brain team, working at the intersection of computer vision, robotics, reinforcement learning, semi-supervised learning and domain adaptation. From 2012–2015, a research engineer on the Google Photos team, working on object recognition, object detection, photo search.
- March 2011—August 2012 : Scientist at **Yahoo! Labs, Sunnyvale (CA), USA**: Solving the problem of *federated search*: automatically learn from click data what type of content to slot where on the search results page. Deciding this in real-time (20ms). Product was live and serving 100% of Yahoo Search US traffic ($10^7 - 10^8$ queries per day), improving user metrics and revenue considerably.

RESEARCH INTERNSHIPS

- Summer 2008, 2009, 2010 **Google Research, Mountain View (CA), USA**, with Samy Bengio.
- Summer 2006 **Microsoft Research Cambridge, UK** with Ralf Herbrich and Thore Graepel.
- Summer 2004 **Max-Planck Institute for Biological Cybernetics, Tübingen, Germany**, with Arthur Gretton.
- Summer 2003 **Helsinki University of Technology, Helsinki, Finland** with Jaakko Hollmén

PEER-REVIEWED PUBLICATIONS

An up-to-date list of my 50 publications can be found on [Google Scholar](#).

SERVICE

- Area chair for ICLR 2017 & 2018, NeurIPS 2017 & 2018, ICML 2019
- Reviewer for all major conferences in machine learning since 2009: ICML, IJCAI, ICLR, NeurIPS, AISTATS.
- Reviewer for Journal of Machine Learning Research (JMLR), Computational Chemistry, Pattern Recognition Letters, Neural Computation and other leading journals in the field.
- Organized the ICML 2013 “Challenges in Representation Learning” workshop in Atlanta, Georgia (June 2013).