

# Michal Valko

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- OBJECTIVE** Seeking a position in which I can continue doing research in *machine learning*.
- EDUCATION**
- ◇ **INRIA – team SequeL**, Lille, France, Postdoctoral Researcher (2011 – now)  
with: *Rémi Munos, Mohammad Ghavamzadeh, Alessandro Lazaric, and Daniil Ryabko*
  - ◇ **University of Pittsburgh** (GPA 4.0) PhD in Machine Learning, August 2011.  
Thesis: *Adaptive Graph-Based Algorithms*, Advisor: *Milos Hauskrecht*
  - ◇ **Intel Research Internships** Intel Labs (Summer 2010) and Intel Research (Spring 2009)
  - ◇ **Selected Scholarships/Awards**
    - Compunetix Best Research Award at Computer Science Department (2008 and 2011)
    - University of Pittsburgh Honors Convocation 2009 Recognition
    - Andrew Mellon Predoctoral Fellowship (Fall 2008, Summer 2009)
    - NIPS Conference Travel Award (Fall 2009)
- RESEARCH INTERESTS** machine learning, online semi-supervised learning, bandits, inverse reinforcement learning, conditional anomaly detection, distance metric learning, structured prediction
- SELECTED PUBLICATIONS**
- ◇ **Michal Valko**, Branislav Kveton, Ling Huang, Daniel Ting: *Online Semi-Supervised Learning on Quantized Graphs*, (UAI 2010)
  - ◇ Branislav Kveton, **Michal Valko**, Ali Rahimi, Ling Huang: *Semi-Supervised Learning with Max-Margin Graph Cuts*, (AISTATS 2010)
  - ◇ **Michal Valko**, Hamed Valizadegan, Branislav Kveton, Milos Hauskrecht: *Conditional Anomaly Detection with Soft Harmonic Functions*, (ICDM 2011)
  - ◇ Milos Hauskrecht, **Michal Valko**, S. Visweswaram, Iyad Batal, Gilles Clermont, Gregory Cooper: *Conditional Outlier Detection for Clinical Alerting* (AMIA 2010) [**Best Paper**]
  - ◇ Branislav Kveton, **Michal Valko**, M. Phillipose, L. Huang: *Online Semi-Supervised Perception: Real-Time Learning without Explicit Feedback*, (CVPR 2010 - OLCV) [**Best Paper**]
  - ◇ **Michal Valko**: *Adaptive Graph-Based Algorithms for Conditional Anomaly Detection and Semi-Supervised Learning*, PhD thesis, University of Pittsburgh, (PITT 2011)
- PROFESSIONAL ACTIVITIES**
- Program Committee Member for AAAI (2012) and EWRL (2012)
  - ◇ Reviewer for NIPS (2012), ICML (2012), ECML (2012), UAI (2011,2012), IJCAI (2009), KDD (2011), AAAI (2009), and MEDINFO (2010)
  - ◇ Participated in NIH grant writing (1R01LM010019-01A1).
- CONTESTS**
- ◇ Best Graduate Research, Computer Science, University of Pittsburgh, 2008 and 2011
- SKILLS & HOBBIES**
- ◇ Fluent in English, Intermediate in French
  - ◇ Choir Singer - Tenor II, Volleyball Player
  - ◇ Academic Senate Member, Comenius University, Bratislava, Slovakia (2003 – 2005)
- REFERENCES**
- ◇ Upon request