Jakub Tomczak

Contact information

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Employment

2018/10 – present	**Deep learning researcher (Engineer, Staff)**, Qualcomm AI Research, Amsterdam
2016/10 – 2018/09	**Postdoc/Marie Sklodowska-Curie Individual Fellow**, University of Amsterdam, Amsterdam Machine Learning Lab (AMLAB) lead by Prof. Max Welling
2014/10 – 2016/09	**Research-and-teaching assistant professor**, Wroclaw Univ. of Technology, Modeling and Machine Learning Lab lead by Prof. Jerzy Świątek
2012/10 – 2014/09	**Postdoc**, Wroclaw Univ. of Technology, Modeling and Machine Learning Lab lead by Prof. Jerzy Świątek
2009/06 – 2012/09	**Researcher**, Wroclaw Univ. of Technology, supervision: Prof. Adam Grzech

Education

2009/10 – 2013/03	**Ph.D.** *with honours* **in computer science, specialization: machine learning**, Wroclaw University of Technology, *supervisor:* Prof. Jerzy Świątek
2008/08 – 2009/12	**M.Sc. in computer science**, Blekinge Insitute of Technology, Faculty of Computing, Sweden, supervisor: Prof. Ludwik Kuzniarz
2004/10 – 2009/07	**M.Sc. in computer science**, Wroclaw Univ. of Technology, Poland, supervisor: Prof. Jerzy Świątek

Grants

1. Principal Investigator, "Deep Learning and Bayesian Inference for Medical Imaging", MSC-IF (EU), 2016/10/01 – 2018/09/30, 177 599 EUR

2. Researcher, "Bioinformatics tools for drug discovery", NCR&D (Poland), 2016/01/01 – 2016/07/01, 7 909 741 PLN

3. Researcher, "Platform of Business Processes Optimization for Information Systems", NCR&D (Poland, EU), 2013/01/11 – 2015/04/30 10 672 218 PLN

4. Researcher, "New Information Technologies for Information Society and E-Administration using SOA paradigm", NCR&D (Poland, EU, 2009/04/01 – 2013/01/31, 36 000 000 PLN

5. Principal investigator, individual grants four times: 2012-2016, ~10 000 EUR

Awards and Scholarships (selected)

1. Award of Faculty Council for best Ph.D. theses at Faculty of Computer Science and Management, Wroclaw University of Technology, 2013

2. The best M.Sc. thesis award (the first place in Poland), Polish Information Processing Society, 2009

3. Rector and Dean Awards for **distinguished Ph.D. student**, 2010, 2011, 2012

4. Scientific scholarships for distinguished Ph.D. students, 2009/2010, 2010/2011, 2011/2012, 2011/2012, 2012/2013, 2014/10 – 2015/06

5. Best paper award at the National Conference on Automation, Poland, 2014

Teaching & Supervision

Teaching

M.Sc. level: Multiple courses on Artificial Intelligence & Deep Learning

B.Sc. Level: Multiple courses on Machine Learning and Artificial Intelligence

Supervision

Ph.D. level: 1 at Univ. of Amsterdam (ongoing), 1 at Wroclaw Univ. of Technology

M.Sc. level: 4 at University of Amsterdam, 3 at Wroclaw Univ. of Technology

B.Sc. Level: 4 at Wroclaw Univ. of Technology

Services

Reviewer (journals)

IEEE Transactions on Pattern Analysis and Machine Intelligence, Bioinformatics, Medical Image Analysis, Expert Systems with Applications, BMC Bioinformatics, IEEE Journal of Biomedical and Health Informatics, IEEE Transactions on Neural Systems & Rehabilitation Engineering, European Journal of Operation Research, Neural Processing Letters, Operations Research and Decisions, Knowledge-Based Systems, International Journal of Approximate Reasoning, Biocybernetics and Biomedical Engineering

Reviewer (conferences)

NeurIPS (2018, 2019), ICML (2019), ICLR (2019), AISTATS (2019), ICML-GR (2019), ICLR-RLGM (2019), CVPR-URDVL (2019), Medical Imaging with Deep Learning (2018), CVPR-BNIVU (2018), NeurIPS-Bayesian Deep Learning (2017, 2018), ACIIDS (2013, 2014, 2015), ICSS (2013, 2016), ISAT (2012, 2013, 2014, 2015, 2016), NCA (2014)

Others

Programming

Python (scientific packages: PyTorch, Tensorflow, Numpy, Scikit-learn, CobraPy, RDKit, among others)

Languages

English (fluent), German (communicative), Dutch (A1-level)

Hobbies

Horse riding, playing guitar