Jakub Tomczak

Contact information

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Employment

2018/10 – present   **Deep learning research engineer (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

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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

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Grants

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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: 2012/2013, 2013/2014, 2014/2015, 2015/2016, altogether ~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 Trans. of Pattern Analysis and Machine Intelligence, Bioinformatics, 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)	ICML 2019, ICLR 2019, AISTATS 2019, NIPS 2018, Medical Imaging with Deep Learning 2018, NIPS Workshop on Bayesian Deep Learning (2017, 2018), ACIIDS (2013, 2014, 2015), ICSS (2013, 2016), ISAT (2012, 2013, 2014, 2015, 2016), NCA (2014), CVPR-BNIVU (2018)

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