## Resume

PERSONAL INFORMATION	First name / Surname: E-mail: Homepage: Profiles:	Piotr Migdał pmigdal@gmail.com http://p.migdal.pl GitHub, StackExchange, LinkedIn	
How am I?	A data scientist (machine learning, deep learning and data visualization), with scientific background (PhD in quantum physics theory).		
Experience	<ul> <li>Independent deep learning consultant         <ul> <li>RaRe Technologies instructor - recurrent neural networks for natural language processing</li> <li>Letme.ai - supervising recommendation engine design</li> <li>MicroscopeIT - training and consulting in image detection and segmentation</li> </ul> </li> <li>Visiting lecturer at Imperial College Business School, London, UK Oct-Dec 2016, 2017         <ul> <li>design and lecturing: Fundamentals of Database Technologies (MSc Business Analytics)</li> <li>content: relational databases (PostgreSQL), big data (Spark), data frames (dplyr in R)</li> </ul> </li> <li>Chief Data Science Instructor at deepsense.ai Jul 2015-Aug 2017         <ul> <li>lead workshops in: machine learning (scikit-learn, XGBoost), data visualization (D3.js), big data (Spark), deep learning (Keras, Theano, TensorFlow)</li> <li>for companies: Newegg, Intel, BCG and others</li> </ul> </li> <li>Data analysis and data visualization freelancer</li> <li>Jan 2014-</li> </ul>		
	<ul> <li>for Startup Compass, Data4Cure, LaboratoriumEE, MediaLab Katowice and others</li> <li>3DFlu – influenza visualization for CENT, University of Warsaw</li> <li>Data Science Intern at Startup Compass, San Francisco, CA, USA Jul-Oct 2013</li> <li>designing distance function for software companies, based on a multidimensional dataset</li> </ul>		
RESEARCH	<ul> <li>Related expertise: quantum physics, statistical mechanics, graph theory, complex systems, complex networks, information theory, collective decision-making, mathematical psychology</li> <li>Internships at: ISI Foundation (Italy), ICFO (Spain), Univ. of Toruń (Poland), MIT (USA)</li> <li>Research papers: 12 publications, 10 available openly on arXiv</li> </ul>		
EDUCATION	<ul> <li>ICFO - The Institute of Photonic Science</li> <li>PhD Degree, cum laude; advisor: thesis: Symmetries and self-similari</li> <li>University of Warsaw, Warsaw, Poland</li> <li>MSc in Theoretical Physics (grade:</li> </ul>	prof. Maciej Lewenstein ty of many-body wavefunctions	2011–2014 2005–2011 ade: 5/5)
Projects, Activities	<ul> <li>Popular blog posts (50k+ organic re Keras or PyTorch as your first deep Learning Deep Learning with Keras</li> <li>Co-founded In Browser AI</li> <li>Designing and developing Quantum</li> <li>Voluntary tutor of the Polish Children</li> </ul>	learning framework and king - man + woman is queen; but why? Game with Photons in JavaScript	2018 2017 July 2018– 2015–2017 2006–
AWARDS, SCHOLARSHIPS	`	ed for startup Confrenzy	Apr 2015 Oct 2011 2007–2010 2005 2004
SKILLS		es: Python (data science stack: Jupyter Noteboost, Keras, TensorFlow, PyTorch, Gensim),	