Resume

Personal Information	First name / Surname: E-mail: Homepage: Profiles:	Piotr Migdał pmigdal@gmail.com https://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). Looking for machine learning research opportunities.		
Experience	 Letme.ai - supervising recommen MicroscopeIT - training and cons A series of deep learning in PyTo Authoring technical blog posts on Visiting lecturer at Imperial College design and lecturing: Fundament content: relational databases (Po Chief Data Science Instructor at dee lead workshops in: machine lear big data (PySpark), deep learning (I for companies: Newegg, Intel, BC Data analysis and data visualization for Startup Compass, Data4Cure 3DFlu - influenza visualization for Data Science Intern at Startup Com 	ecurrent neural networks for natural language production engine design sulting in image detection and segmentation workshops for Samsung Research Poland in deep learning for deepsense.ai Business School, London, UK Oct—Dec als of Database Technologies (MSc Business A stgreSQL), big data (Spark), data frames (dpl. ppsense.ai Jul 2015 ming (scikit-learn, XGBoost), data visualization (SC and others (in the USA and UK) freelancer LaboratoriumEE, MediaLab Katowice and other CENT, University of Warsaw	2016, 2017 nalytics) yr in R) 5-Aug 2017 on (D3.js), Jan 2014- thers
RESEARCH	 Related expertise: quantum physics, statistical mechanics, graph theory, complex systems, complex networks, information theory, collective decision-making, mathematical psychology Internships at: ISI Foundation (Italy), ICFO (Spain), Univ. of Toruń (Poland), MIT (USA) Research papers: 13 publications, 10 available openly on arXiv 		
EDUCATION	 ICFO - The Institute of Photonic Science PhD Degree, cum laude; advisor: thesis: Symmetries and self-similarit University of Warsaw, Warsaw, Poland (MSc in Theoretical Physics (grade: 	prof. Maciej Lewenstein y of many-body wavefunctions	2011–2014 2005–2011 ade: 5/5)
PROJECTS, ACTIVITIES	• Developing livelossplot (500+ stars of	learning framework and king - man + woman is queen; but why? on GitHub) :: Trypophobia trigger detector with convolutio Game with Photons in JavaScript	2018 2017 anal netural 2017 2015–2017 2006–
Awards, Scholarships			Apr 2015 2007–2010 2005 2004
SKILLS	 Languages: Polish (native), English (fluent) Programming languages/technologies: Python (data science stack: Jupyter Notebook, NumPy, SciPy, Pandas, scikit-learn, XGBoost, Keras with TensorFlow, PyTorch, Gensim), JavaScript (D3 ic) SOL LaToY (Cit. 		

(D3.js), SQL, LaTeX, Git