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 (data analysis, machine learning and data visualization), with scientific background (PhD in quantum physics theory). Currently focusing on image recognition with deep learning.		
Experience	 content: relational databases with data with Spark and SparkSQL Chief Data Science Instructor at de designing workshops, creating m 	tals of Database Technologies (MSc Business Analy PostgreSQL, data frames in Pandas, JSON for Activation of Pandas, JSON for	APIs, big Jul 2015–
	 lead workshops in: machine learning (scikit-learn, XGBoost), data visualization (D3.js) data (Spark), deep learning (Keras, Theano, TensorFlow) ticketed workshops: San Francisco, New York and London for companies: Newegg, Intel, L'Oréal, BCG and others Freelancing in data analysis and data visualization for Startup Compass, Data4Cure, LaboratoriumEE, MediaLab Katowice and others 3DFlu - influenza visualization for CENT, University of Warsaw 		
	 Data Science Intern at Startup Con — designing distance function for se 	npass, San Francisco, CA, USA Jul—oftware companies, based on a multidimensional of Pandas; MongoDB), data exploration (Gephi, D3)	
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: 12 publications, 10 available openly on arXiv 		
Education	 ICFO - The Institute of Photonic Science PhD Degree, cum laude; advisor: thesis: Symmetries and self-similarity 	prof. Maciej Lewenstein	011-2014
University of Warsaw, Warsaw, Poland (MISM) • MSc in Theoretical Physics (grade: 5/5), I		MISMaP program) 2005–2011 /5), BSc in Mathematics (Game Theory) (grade: 5/5)	
Projects, Activities	 sociologists and psychologists Started an unconference series Offte Voluntary tutor of the Polish Child Mentor of the winners of the 21st E 	of Stack Exchange tags Neweek training Data Analysis Summer School in Py Opicarium	ay 2015– Mar 2015 ython for Jul 2015 2012– 2006– 2009 2008
AWARDS, SCHOLARSHIPS		ed for startup Confrenzy	Apr 2015 Oct 2011 007–2010 2005 2004
SKILLS		es: Python (data science stack: Jupyter Notebook, ost, Keras, TensorFlow), JavaScript (D3.js), R	

dplyr, mirt, party), SQL, MongoDB, LaTeX, Git