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 optics theory).		
Experience	 an example project: Szkolomat merging, geocoding Data Science Instructor at Deepsens designing workshops, creating made and trainings in machine learning. Data Science Intern at Startup Comdesigning distance function for some designing distance function. 	o Compass, Data4Cure, LaboratoriumEE and for projekt:polska — data consulting, data of se.io aterial and being an instructor ing and big data in San Francisco, New York and pass, San Francisco, CA, USA — Joftware companies, based on a multidimension Pandas; MongoDB), data exploration (Gephi,	Jul 2015— and London ful—Oct 2013 nal dataset
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; a video abstract for Qubism 		
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 by of many-body wavefunctions.	2011–2014 Dec 2014 2005–2011 rade: 5/5)
TEACHING GIFTED HIGH-SCHOOL STUDENTS	 Courses on: quantum mechanics and cryptography, simulating social phenomena in Python, measuring fractal dimension from images, Fourier analysis and waves Voluntary tutor of the Polish Children's Fund Mentor of the winners of the 21st European Union Contest for Young Scientists 		
PROJECTS, ACTIVITIES	sociologists and psychologists • Started an unconference series Offto	of Stack Exchange tags week training Data Analysis Summer School in opicarium sysics student's conference VII OSKNF	May 2015– Mar 2015 a Python for Jul 2015 2012– 2008 2006
AWARDS, SCHOLARSHIPS	• Scholarship of the Polish Children's	ed for startup Confrenzy l achievements in science nusetts Institute of Technology, MA, USA)	Apr 2015 Oct 2011 2007–2010 2005 2003–2005 2004
Skills		(fluent) es: Python (data science stack: Jupyter Noteboript (D3.js), R (ggplot2, dplyr, mirt, party), M	