Resume			
PERSONAL INFORMATION	First name / Surname: E-mail: Phone: Homepage: Profiles:	Piotr Migdał pmigdal@gmail.com +34 644 226 536 (Spanish), +48 537 45 http://migdal.wikidot.com/en GitHub, StackExchange	59 068 (Polish)
How am I?	A data scientist (data analysis and visualization), with scientific background in quantum optics.		
EXPERIENCE	 Freelancing in data analysis and data visualization Jan 2014 – (now) an example project: Szkolomat for projekt:polska — data consultancy, data cleaning and merging, geocoding. Data Science Intern at Startup Compass Inc., San Francisco, CA, USA Jul – Oct 2013 Designing distance function for software companies, based on a multidimensional dataset. Data processing (Python: SciPy, Pandas; MongoDB), data exploration and visualization (Gephi, D3.js). 		
	 Participated in BigDive, a 4-week long hands-on workshop in data science and big data processing, for 20 participants:		
RESEARCH	 Related expertize: quantum mechanics, statistical mechanics, graph theory, complex sytstems, complex networks, information theory, entropy, 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 Conferences and workshops: in complex systems (e.g. ECCS2012, NetSci2011), quantum optics and information (e.g. QISM2012, QCMC2012) 		
EDUCATION	Quantum Optics Theory Group • PhD thesis (submitted): Symmetries and self-similar University of Warsaw, Warsa • Master's Degree (5 year pro	ity of many-body wavefunctions.	Sept 2014 Sept 2014 2005–2011 Jan 2011 Sept 2009
TEACHING GIFTED HIGH-SCHOOL STUDENTS	measuring fractal dimension • Voluntary tutor of the Polis	measuring fractal dimension from images, Fourier analysis and waves	
PROJECTS, ACTIVITIES		a website listing scientific events ional physics student's conference VII OSKNF	Jan 2012– Mar 2011–2012 2008 2006
AWARDS,	• ICFO Innovation Fund gran		Oct 2011

SCHOLARSHIPS

2007-2010 • National Scholarship for exceptional achievements in science • Research Science Institute (Massachusetts Institute of Technology, MA, USA) 2005• Scholarship of the Polish Children's Fund 2003 – 2005• Bronze Medal in the International Physics Olympiad (Pohang, South Korea) 2004

Skills

- Languages: Polish (native), English (fluent)
- Programming languages/technologies: Python, JavaScript, Mathematica, LaTeX, Git