## Resume

PERSONAL INFORMATION	First name / Surname: E-mail: Homepage: Profiles:	Piotr Migdał pmigdal@gmail.com http://migdal.wikidot.com GitHub, StackExchange	
How am I?	A data scientist (data analysis and visualization), with scientific background (PhD in quantum optics theory).		
Experience	<ul> <li>Freelancing in data analysis and data visualization         — for companies: Codilime, Startup Compass, Data4Cure, LaboratoriumEE and others         — an example project: Szkolomat for projekt:polska — data consulting, data cleaning and merging, geocoding</li> <li>Data Science Intern at Startup Compas, San Francisco, CA, USA</li></ul>		
RESEARCH	<ul> <li>Related expertise: quantum mechanics, statistical mechanics, graph theory, complex systems, complex networks, information theory, entropy, 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; a video abstract for Qubism</li> </ul>		
Education	<ul> <li>ICFO - The Institute of Photonic Scien</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 Dec 2014 2005–2011 rade: 5/5)
TEACHING GIFTED HIGH-SCHOOL STUDENTS	<ul> <li>Courses on: quantum mechanics and cryptography, simulating social phenomena in Python, measuring fractal dimension from images, Fourier analysis and waves</li> <li>Voluntary tutor of the Polish Children's Fund</li> <li>Mentor of the winners of the 21st European Union Contest for Young Scientists</li> </ul>		
PROJECTS, ACTIVITIES	sociologists and psychologists • Started an unconference series Offto	week training Data Analysis Summer School in opicarium hysics student's conference VII OSKNF	May 2015— 1 Python for Jul 2015 2012— 2008 2006
Awards, Scholarships	• Scholarship of the Polish Children's	led for startup Confrenzy al achievements in science chusetts Institute of Technology, MA, USA)	Apr 2015 Oct 2011 2007–2010 2005 2003–2005 2004
SKILLS	<ul><li>Languages: Polish (native), English</li><li>Programming languages/technologic</li></ul>	(fluent) es: Python, JavaScript, R, LaTeX, Git	