Resume

PERSONAL INFORMATION	First name / Surname:	Piotr Migdał	
1111 010111111011	E-mail: Homepage:	<pre>pmigdal@gmail.com http://migdal.wikidot.com</pre>	
	Profiles:	GitHub, StackExchange	
How am I?	A data scientist (data analysis and visualization), with scientific background (PhD in quantum optics theory).		
Experience	 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 		
	 Data Science Intern at Startup Compas, San Francisco, CA, USA — designing distance function for software companies, based on a multidimensional dataset — data processing (Python: SciPy, Pandas; MongoDB), data exploration and visualizati (Gephi, D3.js) Participated in BigDive, a 4-week long intensive hands-on workshop in data science and be 		n
	data processing	Oct 201	_
RESEARCH	• Related expertise : quantum mechanics, statistical mechanics, graph theory, complex systems, 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 		
EDUCATION	ICFO - The Institute of Photonic Science	, , , , =	
	• PhD Degree, cum laude; advisor: thesis: Symmetries and self-similarit	- *	.4
	University of Warsaw, Warsaw, Poland		.1
		5/5), BSc in Mathematics (Game Theory) (grade: 5/5)	
TEACHING GIFTED	• Courses on: quantum mechanics and cryptography, simulating social phenomena in Python measuring fractal dimension from images, Fourier analysis and waves		
HIGH-SCHOOL STUDENTS	 Voluntary tutor of the Polish Childr Mentor of the winners of the 21st E 	ren's Fund 2006 uropean Union Contest for Young Scientists 200	
PROJECTS, • Designing and developing Quantum Game (JavaScript ES6) • Designed and lead an intensive one-week training Data Analysis Summer School in			
TIO TIVITIES	sociologists and psychologists	Jul 201	
	• Started an unconference series Offto	-	
	 The head organizer of a national ph Founded a student's association SK 	ysics student's conference VII OSKNF 200 Fiz UW 200	
Awards, Scholarships	 Personal grant for Matura Exam Da ICFO Innovation Fund grant award 		
	• National Scholarship for exceptional	achievements in science 2007–201	.0
	· ·	susetts Institute of Technology, MA, USA) 200 Fund 2003–200	
	Scholarship of the Polish Children'sBronze Medal in the International F	Physics Olympiad (Pohang, South Korea) 2003–2000 2009	
SKILLS		(fluent) s: Python (data science stack: IPython Notebook, NumPyript (D3.js), R (ggplot2, dplyr, mirt, party), Mathematica	