PHILIPP KATS

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QUALIFICATIONS

Data Analyst, Data Visualization Designer

EDUCATION

2015 – 2016 — **NYU Center for Urban Science and Progress**
Urban informatics track

2011 – 2012 — **Moscow Senseable lab**
Strelka Institute for Media, Architecture and Design and MIT
Postgraduate Program in collaboration with Massachusetts Institute of Technology (MIT) curated by Carlo Ratti

2003 – 2009 — **Kazan State University of Architecture and Engineering**
Master of Architecture, with honours

PROFESSIONAL EXPERIENCE

2015 — **Graduate Research Assistant**
NYU Center for Urban Science and Progress
Quality Assessment of Public Parks

2014 – 2015 — **Analyst and Special Projects Editor**
Rambler studio of Infographics
Search, scrape and processing of data, storytelling, visualisation, design outline and supervision, writing and project management

2013 – Present — **Urban Informatics Program Curator**
Saint Petersburg National Research University of Information Technology, Mechanics and Optics
Manage and teach the program course of MA degree in Designing Urban ecosystems. The course takes a year (2+2 credits) and consists of basic statistical, programming and urban analysis skills

2013 — **Urban Data Analyst**
Thomson Reuters
Data processing and analysis on big urban data research project

2012 - Present — **Representative in Russia**
Carlo Ratti Associati
Present and negotiate with clients, consult and facilitate company's meetings with government officials

2012 - 2014 — **Analyst and Special Projects Editor**
Russian News and Information Agency RIA Novosti (RIA News)
Project management, data search, scraping and processing, storytelling and visualization, design supervision, writing

2011 - Present — **Co-founder**
Branchpoint project
Created open research community in computational design, lectured and instructed workshops for more than 50 students every year

2011 - 2012 — **Architect**
Andrew Chernikhov's architectural bureau

2011 — **Architect Intern**
Knafo Kilmor Architects, Israel

2006 - 2011 — **Architect**
Nikolay Novikov's Architectural Bureau

HONORS AND AWARDS

2014   **International Infographics Awards Malafiej 2014**
            Honoured with silver medal for online graphics project 20 years of the State Duma

2014   **Information is beautiful award 2014**
            Poster for Moscow Urban Forum is mentioned In long list

2014   **HOW International Design Award**
            Poster for Moscow Urban Forum is mentioned In long list

2012   **Computational Furniture Design Competition 'Nayada', Moscow, Russia**
            Honoured with silver medal

2008   **Getti Foundation special mention, Kazan, Russia**

2006   **Hebrew University in Jerusalem Eshnav program grantee**

PUBLICATIONS

2012   **Architecture and Planning Brochure / 2012, Senseable City Guide to Moscow (Strelka)**
            Authors: Kats, P., Siprikova, A., Medellin, C., Izmestyev E., Bykova, E., Rudnichenko, I., Kopeikina, N., Mamaeva, T., Paramonova, D., and Vanky, A., SA+P Press

SKILLS

Data scraping, processing, analysis and visualization, urban studies, visual and interactive storytelling

ACTIVITIES

2015   **The Innovation Constraints for OPEN INNOVATIONS Conference, Moscow, Russia,**
Research project producer and analyst

2015   **Future Everything Festival, Manchester, UK,** Speaker, Interactive installation

2014   **NII Communication Hackaton by British Council and Future Everything Festival**
            Our project, "Empath", was invited to exhibit on Future Everything Festival, Manchester

2014   **Coursera John Hopkins University Data Science Specialisation**
            9/10 courses accomplished. Expected accomplishment – May 2016

2014   **Columbia University Moscow fieldtrip,** workshop tutor in urban data

2014   **Russian reporter summer school,** workshop tutor in urban data

2014   **New Economic School,** workshop tutor in data visualization

2014   **Hack for Future Hackaton (Minsk, Belarus),** expert

2013,14   **British Higher School of Art and Design (Moscow,Russia),** infographics short course, lecturer

2013,14   **Strelka Institute for Media, Architecture and Design,** expert in data visualization

2013   **National Research University Higher School of Economics, Social Networks Analysis school,**
grantee and participant

2013   **Columbia University Moscow fieldtrip,** workshop tutor in urban data

2013   **National Research University Higher School of Economics,** workshop tutor in data visualization

2013   **Hack the Newsroom Hackaton,** team leader

2012   **TEDx Saint Petersburg,** speaker

2011   **Branchpoint Big Summer workshop,** curator, tutor

2010   **Branchpoint Radio Podcast,** radio presenter