

URSZULA CZERWINSKA



Data Scientist

available from November 2018

Dynamic young scientist with an entrepreneurial spirit and high interest in Big Data, IoT, fintech & business analytics. Communicating in five languages, with four-year experience working in scientific projects and a greentech start-up co-founder. Self-directed innovator looking for an opportunity to help your business as Data Scientist in Paris area.

PROFESSIONAL EXPERIENCE

- 2015- Data Science for Cancer Immunology (3 years)**
- blind source deconvolution : technic adaptation and improvement, development of an **R package**
- design of simulated data
- **Machine Learning** applied to multidimensional data (predictive analysis)
- Data Visualization (R ggplot2, Tableau, D3.js)
- programming (R, Python, javascript)
- project management ; oral and written communication; worked in a team of 15 people
Institut Curie, Paris Descartes, Centre de Recherches Interdisciplinaires, Paris
- 2017 Big Data Analytics** of mobile transactions (e-money) (5-week project)
International Finance Corporation (IFC) : Word Bank group & TOPIX, Turin, Italy
- 2017 Business consulting** for a start-up: *certificate in Business and Administration (3-week project); Mask Generation, Sorbone Paris Cité, Adoc Talent Management, Paris*
- 2015 Benchmarking of machine learning algorithms** for biomarkers detection (5-month internship); *Institut Pasteur, Paris*
- 2015 Developed a new data-driven visualization** for multidimensional data (6-month internship);
- 2013 Network analysis** of a protein kinase signaling pathways (two-month internship); *Université de Montpellier II, Montpellier*
- 2012 Conception of a pipeline of data analysis** for metabolomics data (one month internship); *CNRS Roscoff, Bretagne*

OTHER EXPERIENCE

- 2017 Data Science Summer School** l'Ecole Polytechnique
- 2016 Founder of CRI-Data Science Club** CRI, Paris
Senior blogger at *PLOS Computational Biology*
Data Science Ambassador at *Pivigo, London Data Science Hub*
Tutoring in Informatics, Statistics and Mathematics *Pharmacology, Paris V*
- 2015 Start-up co-founder**, Eco-Smart Solutions *L'accelerator l'Open Lab Paris*

EDUCATION

- 2015- PhD**, Institut Curie, Paris Descartes, Centre de Recherches Interdisciplinaires (CRI), European doctoral school fondation Bettencourt Schueller
- 2015 Master**, Interdisciplinary Approaches to Life Sciences (AIV), Center for Interdisciplinary Research (CRI), Paris Diderot 1st/25, **summa cum laude**
- 2013 Exchange Student** at National University of Singapore
Double **Bachelor in Science** Biology-Mathematics in UPMC, **cum laude**
- 2010 Bilingual High School** in Warsaw, **summa cum laude**

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COMPETENCES

Technical

Data Science ●●●
R ●●●
Python ●●○
Data Visualization ●●○
Big Data ●●○

Languages

French ●●○
English ●●○
Polish ●●●
Spanish ●●○
Russian ●●○

Other

Management ●●○
Entrepreneurship ●●○
Communication ●●○

CERTIFICATES

Big data - BIG DIVE, Italy

Certificate of Business and Administration Sorbonne Adoc management

Certificate of Disruptive Technologies and Public Policy SciencesPo Paris

Spanish certificate **B2**
Paris city hall

English certificate **TOEFL C1**

ACHIEVEMENTS

1st en Europe, 8th/208 in **Business Simulation** team
Capsim Challenge Fall 2016

2nd awards and audience awards in **professional pitch competition** at PhD Talent fair 2016

Software: DeDaL
Cytoscape app

Talks at international conferences (>100 attendees)

1st authored **publication** in a peer-reviewed scientific journal and co-authored publications