URSZULA CZERWINSKA

Data Scientist

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Dynamic young scientist with an entrepreneurial spirit and high interest in Data Analysis and predictive models aiming to your business as Data Scientist. **– available in Paris region since November 2018**

PROFESSIONAL EXPERIENCE

2018 **Data Science for Cancer Immunology**
Machine learning applied to genetic multidimensional data
- blind source deconvolution with Independent Components Analysis, method tuning and validation
- design of simulated data
- **data visualization**: D3.js, ggoplot, plotly
- programming **: R, Python, javascript**
- **Project management, Oral and writing communication**

Institut Curie/Paris Descartes (3 years)

Research internships

2015 **Machine learning ,** Institut Pasteur, Systems biology lab. (4,5 months)
2014 **Java programming, data visualization ,** Institut Curie, Systems Biology (5 months)
2013 **Networks,** Montpellier University II, Systems Biology. (2 months)
2012 **Pipeline development, scripting, programming,** CNRS Roscoff. (1 month)

DATA SCIENCE & BUSINESS

2017 BIG DIVE : **Big data, Machine learning, Data visualization** – TOP-IX, Italy
Certificate of **Disruptive Technologies and Public Policy -** SciencesPo Paris
Certificate of **Business and Administration –** Sorbonne Cité, Adoc Talent
Python hacking week, HackInScience, Paris
2016 **Analytics Edge**, EdX honor code (online)
Data Science Essentials by Microsoft, EdX certified honor code (online)
Machine Learning, Stanford University, honor code (online)
Marketing and Business Strategies, Smart Albinos (online)

OTHER EXPERIENCE

2016 **Founder** of **Data Science club** and "From Science to Data Science " seminars
Senior blogger at PLOS Computational Biology
Data Science Ambassador at Pivigo. Communication as @UlaLaParis
Tutoring in Informatics, Statistics and Mathematics, Pharmacology, Paris V

2015 **Start-up co-founder**, Eco-Smart Solutions, L'Open Lab accelerator Paris Diderot
Tutoring in Computational Biology, Licence FdV 2nd year, Paris Descartes

EDUCATION

2018 **PhD** Institut Curie / Paris Descartes
Computational Systems Biology Lab in Paris
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**

COMPETENCES

Technical
Data Science ●●●
R ●●●
Python ●●◐
Data Visualization ●●◐

Other
Project management ●●○
Entrepreneurship ●◐○
Communication ●●○

Languages
French ●●◐
English ●●●
Polish ●●◐
Spanish ●◐○

CERTIFICATES

Pitch course, Speak the Speech

Build and manage your professional network, Sorbonne Paris Cité

ACHIEVEMENTS

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

2nd award and audience award in professional pitch competition at PhDTalent

1st authored publication in a peer-reviewed scientific journal, co-athored publications

Software: DeDaL Cytoscape app

Talks at international conferences (>100 people)

urszulaczerwinska. github.io/about