

# URSZULA CZERWINSKA



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[urszulaczerwinska.github.io](https://github.com/urszulaczerwinska)

Dynamic young scientist with an entrepreneurial spirit and high interest in Big Data, IoT, fintech & business analytics. Communicating in five languages, with two years experience working in scientific projects and a greentech start-up co-founder. Self-directed innovator looking for an opportunity to transfer from academia to industry.

## PROFESSIONAL EXPERIENCE

- 2015- **Data Science for Cancer Immunology**  
PhD candidate Institute Curie / Paris Descartes  
Computational Systems Biology Lab
- Research internships
- 2015 Paris metro **microbiome study**, Paris Descartes University. (3,5 months)  
**Machine learning**, Institut Pasteur, Systems biology lab. (4,5 months)
- 2014 Human skin **microbiome engineering**, iGEM competition. (4 months)  
**Java programming, data visualization**, Institut Curie, Systems Biology (5 months)
- 2013 **Networks biology**, Montpellier University II, Systems Biology. (2 months)
- 2012 **Bioinformatics, programming**, CNRS Roscoff. (1 month)

## COMPETENCES

### Technical

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

### Languages

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

### Other

Biology ●●●  
Entrepreneurship ●●○  
Communication ●●○

## CERTIFICATES

**Certificate of Business and Administration** Sorbonne  
Adoc management

**Certificate of Disruptive Technologies and Public Policy**  
SciencesPo Paris

**Marketing and Business Strategies**, Smart Albinos  
online course

**Machine Learning Analytics Edge**  
online courses

English certificate **TOEFL C1**

## ACHIEVEMENTS

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

**Software**: DeDaL  
Cytoscape app

**Talks** at international  
conferences (>100  
people)

## OTHER EXPERIENCE

- 2016 **1<sup>st</sup> in Europe, 8<sup>th</sup>/208 in Business Simulation** Capsim Challenge Fall 2016  
**2<sup>nd</sup> award and audience award** in professional pitch competition at PhD Talent  
**Founder of CRI-Data Science Club** (Paris)  
**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  
**Association General Secretary**, Open Science School, Innovative education for  
high schools
- 2014 **Tutoring** in Computational Biology, Licence FdV 2nd year  
**Class for researchers** on Data Visualization Curie Institute, Paris  
**Workshop of bio-design**, BODYWARE, "Second skin" project  
**Volunteer event animator**, Pint of Science, Paris  
**community manager**: administrator of the Facebook page  
**scientific education**: article writing, events and workshops organization

## EDUCATION

- 2015 **Master**, Interdisciplinary Approaches to Life Sciences (AIV), Center for  
Interdisciplinary Research (CRI), Paris Diderot 1<sup>st</sup>/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**