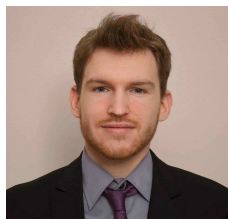


PERSONAL INFORMATION



Sergi Albert Ballestar

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 albert.sergi@gmail.com

 Skype [sergi.albert.ballestar](https://www.skype.com/people/sergi.albert.ballestar)

Sex Male | Date of birth 21/01/1993 | Nationality Spanish | Driving license B (2011)

WORK EXPERIENCE

February 2018 – Present

Science educator at Funbrain

Education

- I work performing science workshops and shows in primary & secondary schools. funbrain.cat

November 2017 – December 2017

Educator in CosmoCaixa

Education

- I worked at Barcelona's science museum as educator, performing workshops and guided visits. <https://obrasociallacaixa.org/en/ciencia/cosmocaixa/que-hacemos>

March 2017 – July 2017

Internship in Catalan Institute of Oncology

Biomedical

- I worked on a project coding an online R related app (with shiny) to study the cost-effectiveness of treatments against cervical cancer caused by Human Papilloma Virus. ico.gencat.cat/en/inici/index.html

March 2016 – June 2016

Activity Instructor in Welsh Games

Entertainment

- Welsh Games offer groups a totally unique and fun filled activity, where they get the chance to celebrate Stags/Hens/Birthdays. My job consisted in managing the groups. welshgames.co.uk

July 2014 – Sept 2014

Internship in Becton Dickinson

Biomedical

- I worked 247h in Microbiology & Sterilization Department labs, where I learnt many different sterilization control methods (Bioburden, LAL-BET, Ethylene oxide...). bd.com

2007 – 2009

Basketball Referee

Sport

- Federació Catalana de Basquetbol (Catalan Basketball Federation) basquetcatala.cat

EDUCATION AND TRAINING

September 2016 – July 2017

EHEA Master's Degree in Bioinformatics & Biostatistics

Open University of Catalonia (UOC) & University of Barcelona (UB), Spain.

studies.uoc.edu/en/

2013 – Present

Coordinator in *Programa Exit*

Education

- I received a grant from the Barcelona City council to help a class of eleven 13-14 year-old students to pass their exams and acquire good study habits. edubcn.cat/exit

February 2016 – June 2016

Erasmus+ at Cardiff University School of Biosciences

- I worked with Dr. Thomas Connor investigating *E. coli* population genomics using bioinformatics tools in Genomics Virtual Lab, such as ResFinder, SPAdes, Artemis, SRST2...

cardiff.ac.uk/biosciences

2011 – 2016

EHEA Bachelor's Degree in Biology

University of Barcelona, Barcelona (Spain) ub.edu/biologia/en

PERSONAL SKILLS

Mother tongue(s) Spanish, Catalan

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	<i>Some basic knowledge of French</i> Participation in an English course in Newland Park (UK) in 2007 Participation in a 15 hours English course at Oxford in 2008 Modules 3A and 3B English Institut Obert de Catalunya in 2013 Participation in two language exchange groups from University of Barcelona in 2015 First Certificate Exam (2018)				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through my experience as a participant in science fairs like Exporecerca Jove (magmarecerca.org) or Galiciencia (tecnopole.es/en/galiciencia)

Organisational / managerial skills

- Leadership & teamwork thanks to my experience as *Basketball Referee*, Coordinator in *Programa Exit* and *Activity Instructor* in Welsh Games

Computational Biology skills

- Microsoft Office™, Windows™ and Ubuntu / Linux ([Awk](#) and Bash)
- R studio, Markdown, Shiny, Bioconductor // Python, SQL
- RNAseq, CHIPseq, Machine Learning

ADDITIONAL INFORMATION

Publications

- AAVV (2010) *¿Qué nos enseñan las películas de ámbito matemático? (What do mathematics films teach us?)* Aula de innovación educativa. Barcelona, 2010, n. 189, febrero; p. 50-54
<http://redined.mecd.gob.es/xmlui/handle/11162/86947>
- ALBERT, S. & DE LA TORRE, V. (2010) *El calidoscopi de la natura (The kaleidoscope of nature)*
<http://www.esdelibro.es/gl/investigadores/vision-xeral-da-investigacion/el-calidoscopi-de-la-natura-geometria-euclidiana-i-fractal>

Honours and awards

- 1st Prize in the 5th edition of the national book competition "Es de libro" (2010-2011) given by CEDRO organization for the work "El calidoscopi de la natura" (*The kaleidoscope of nature*) cedro.org
- 2nd edition of Premi Ciència en Societat (2009) (*Science in Society Award*) for the project: "*Què ens ensenyen les películes de caire matemàtic? (What do mathematics films teach us?)*" by Sergi Albert, Jordana Calvo & Ariadna de Diego and supervised by M^a del Pilar Menoyo Díaz
<http://agora.xtec.cat/iesm-jmzafral/institut/premis-i-reconeixements/>

Memberships

- MAGMA, Associació per Promoure la Recerca Jove
- We are a non-profit association that holds a science fair every year. magmarecerca.org/

Events assistance

- II Workshop Microgen-NET-ECOGENOMICS OF MICROBES
Evolutionary Genomics Group – Miguel Hernandez University
<http://egg.umh.es/workshop.html>
- V Bioinformatics and Genomics Symposium
Bioinformatics Barcelona Association (BIB) & Societat Catalana de Biologia (SCB)
<http://www.biocat.cat/en/upcoming-events-sector/v-bioinformatics-and-genomics-symposium>