

JULIE DUCASSE, PHD

ducasse.julie@hotmail.fr - <https://julieducasse.github.io> - +386 64 294 244

29 years old, French, based in Koper, Slovenia.

SKILLS

- **Experienced data and research analyst** proficient with R and ggplot2 and with good knowledge of d3.js, Python and Processing.
- **Skilled written communicator and author** of a number of high quality reports, articles and literature reviews.
- Languages: French (first language), English (fluent – TOEIC 990/990), Slovene (A2).

EXPERIENCE

Researcher. HICUP Lab, University of Primorska, Koper, Slovenia. 09/2018 – now.

- Performing data collection, analysis and reporting to assess audience reception, social impact and user engagement of an interactive web documentary and provide insights on the design of serialized web-documentaries.
Data: Google Analytics, web logs, questionnaires, MailChimp, Facebook, ...
- Prototyped two gamified applications to collect health data.
- Teaching postgraduate courses: Data Visualization and Participatory Design.

Communication assistant. FOTOVERTICAL (video production company). 03/2018 – now.

- Worked as a content writer and proofreader of newsletters, social media posts, subtitles, educational guide and documentary proposals.
- Helped with setting up a crowdfunding campaign.

Researcher (PhD). IRIT. University of Toulouse, France. 10/2014 – 10/2017.

- Designed and developed three tangible interfaces for visually impaired users.
- Performed quantitative and qualitative evaluation, from data collection to reporting.
- Supervised five internships and two students' projects.

French teacher. Clifton College. Bristol, UK. 09/2011 – 09/2012.

EDUCATION

- | | |
|--|-----------|
| • PhD in Computer Science, University of Toulouse, France. | 2014-2017 |
| • Master's degree in Human-Computer Interaction, University of Toulouse & National School of Civic Aviation, France. High Honors. | 2012-2014 |
| • Bachelor's degree in Applied Mathematics – Statistics and Cognitive sciences, University of Bordeaux, France. Very High Honors. | 2008-2011 |
| • Bachelor's degree in Modern Literature. University of Bordeaux. Honors. | 2008-2011 |

AWARDS

- **IFRATH PhD Award** for my thesis on accessible technologies. 2019.
- **Google Anita Borg EMEA Scholarship** for young women in Computer Sciences. 2015.

VOLUNTEERING & COMMUNITY ACTIVITIES

- Adapted books for visually impaired people. 2018-2019
- PhD Representative: organized events and surveys; led a working group to encourage girls studying computer science by organizing outreach events. 2014-2017
- Social media manager for Volley-Ball Club Toulousain (website and Facebook): wrote blog posts, set up the website and helped with administrative tasks. 2012-2016
- Member of the students Association board (University of Bordeaux). 2009-2011
- Member of the organizing committee for my tennis club's annual tournament 2005-2008

SELECTED PUBLICATIONS (as a first/sole author)

Data-based scientific / blog articles:

- Interactive Documentaries: Audience Reception & User Engagement. Journal article. J. Ducasse, K. Pucihar, M. Kljun. Submitted in International journal of human-computer studies.
- BotMap - An Actuated Tangible Interface for Visually Impaired People. Journal article. J. Ducasse, M. Macé, B.Oriola, C. Jouffrais. ACM TOCHI, 2018.
- How to Visualize Telegram Data. Online tutorial (R & ggplot2).

Literature reviews:

- Augmented Reality for Outdoor Environmental Education. Book chapter. J.Ducasse. In "Augmented Reality in Education: Theory, Technology, Practice". Springer, 2020.
- Accessible Interactive Maps for Visually Impaired Users. Book chapter. J.Ducasse, A.Brock and C.Jouffrais. In E. Pissaloux & R. Velasquez (Eds.), Mobility in Visually Impaired People - Fundamentals and ICT Assistive Technologies. Springer, 2018.

Others:

- An educational guide for Women' ways documentary.
- On my way to Koper, Slovenia. Blog post.
- What does an Human-Computer Interaction researcher do. Blog post.