

Lorenzo Amabili

Personal Details

Date of birth: 28/06/1990

Address: Bedumerstraat 33B, 9716 BB, Groningen, The Netherlands

Email: lorenzo.amabili@gmail.com

Phone: +31 6 141 29908

Skype: lorenzo.amabili

Areas of Interest

Visual Storytelling, Data Visualization, Human-Computer Interaction.

Education

2009-2013	BSc in Statistics, Università di Bologna, taught in Italian.
2012-2013	ERASMUS PROGRAMME - 10 MONTHS, Université de Montpellier, taught in French.
2014-2017	MSc in Statistics, KU Leuven, taught in English.
2017-	PhD in Computer Science, University of Groningen, PhD project "Visual Storytelling of Big Imaging Data".

Teaching Activities

2017-2018	<i>Teaching Assistant</i> for INTRODUCTION OF COMPUTING SCIENCE, BSc course
2018-2019	<i>Teaching Assistant</i> for VISUAL ANALYTICS OF BIG DATA, MSc course.

Publications

Jul 2018	Poster "COLLABORATIVE VISUAL STORYTELLING" at <i>Narrative Matters 2018</i> conference in Enschede.
Jun 2018	Short paper "IMPROVING PROVENANCE DATA INTERACTION FOR VISUAL STORYTELLING IN MEDICAL IMAGING DATA EXPLORATION" at <i>EuroVis 2018</i> conference in Brno.
Mar 2018	Poster "VISUAL STORYTELLING FOR INFORMED DECISION-MAKING IN MEDICINE" at <i>ICT.OPEN 2018</i> conference in Amersfoort.
Oct 2017	Poster VISUAL STORYTELLING OF BIG IMAGING DATA, at <i>eScience</i> conference in Amsterdam.

Research Talks

Oct 2018	Doctoral Colloquium PhD project presentation at <i>VIS 2018</i> conference in Berlin.
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Master's thesis

VISUALIZING ALGORITHMS OF NONLINEAR DATA REDUCTION TECHNIQUES

Supervisor: Professor Jan Aerts

The work consists of visualizing every step of some nonlinear data reduction algorithms. This has been done by means of series of visualizations implemented in *D3.js*. The main objective is to provide a general audience with a tool which enhances the understanding of the NLDR algorithms, and enables users to make a more informed choice of data reduction technique to use.

Volunteering

June 2018

Conference Volunteer in “EuroVis 2018”, in Brno.

Sept 2017 - March 2018

Sponsorship chair in “PhD day 2018” organization.

Sept 2016 - June 2017

Football coach in “ESN Leuven football team”.

May 2014 - June 2014

IT Project Manager in “Countershade CIC” of Stephen Whitehead.

Key skills

COMPUTER SKILLS

- R, JavaScript (D3.js), Typescript, HTML, CSS. (Level: *Advanced*)
- MatLab, Python, JMP. (Level: *Intermediate*)
- SAS, C++. (Level: *Beginner*)

LANGUAGES SKILLS

- Italian (mother tongue).
- English (proficient).
- French (fluent).
- Spanish, Dutch (elementary).

GENERAL SKILLS

- Good teamwork skills.
 - Good communication skills.
 - Willing to learn.
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Memberships

Membership in «MENSA, the High IQ Society».

Membership in «IEEE».