



VANESSA AISYAHSARI HANSCHKE

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EDUCATION

PhD candidate | *Interactive Artificial Intelligence*

The University of Bristol

Sep 2020 – current

Bristol, United Kingdom

- Preliminary Thesis Title: Challenging Concepts of Responsible AI through Storytelling
- Completed first taught year with Distinction
- Studentship sponsored by LV=GI

MSc | *Design Informatics*

The University of Edinburgh

Sep 2015 – Aug 2016

Edinburgh, United Kingdom

- Graduated with Distinction
- Thesis: A Social Machine for the Digital Heart Manual Programme
- Thesis was published as Short Paper

BSc | *Cognitive Science*

The University of Edinburgh

Sep 2011 – Jun 2015

Edinburgh, United Kingdom

- Second-class honours, upper division
- Thesis: Let's ask Translation Students What is Wrong with Machine Translation

Exchange Scholarship | *ERASMUS*

Università degli Studi di Trento

Sep 2013 – Jun 2014

Trento, Italy

- achieved 30L in Human Computer Interaction and Computer Supported Cooperative Work

WORK EXPERIENCE

Delivery Data Scientist for EMEA

Microsoft

Sep 2016 – Oct 2019

Milan, Italy

- Delivery of Data and AI projects for Microsoft enterprise customers
- Ideation workshops and introductory workshops for AI, data science and NLP
- Projects included Text Analytics, Video Analytics, Chatbots and Text Search

Research Internship in Machine Translation

Fondazione Bruno Kessler

Feb 2014 – Jun 2014

Trento, Italy

- Conducted experiments on MT output with translation students
- Gained insight into liaising between stakeholders i.e. users and developers

Research Internship with Project SemRel

IMS - Institute for NLP

June 2013 – July 2013

Stuttgart, Germany

- NLP analysis of compound nouns in German and English
- First experience in research world and practical applications of NLP

PROJECTS AND RESEARCH

Understanding Responsible Innovation in Data Science Teams | *Summer Project* September 2021

The main goal of this project was to investigate how data science teams already apply concepts such as explainability, ethics, bias and accountability in their everyday work as a basis for my ensuing PhD. I carried out a rapid ethnography to analyse current views and practices in the daily workflow of data scientists. Then I used design fiction memos along with thematic analysis to analyse the collected qualitative data.

Clickworkers: Problems and Solutions for the Future of AI Labour | *Animation video* September 2021

Following an analysis of current literature and media, I produced and directed an animation that describes the situation of clickworkers in collaboration with an animator. In this film, we depict the mismatch of public perception of automation and the invisible manual work driving it. The film was presented along with a talk at Gikii 2021.

A Social Machine for the Digital Heart Manual Programme | *Masters Project* May - Aug 2016

In collaboration with the Heart Manual Programme, I conducted a study to create a prototype of a social machine. The outcome suggests that addressing usability and likeability by involving the humans of the social machines through participatory design could lead to the successful design of a social machine. A short paper presentation of this work was held at HEALTHINF 2017.

CONFERENCES AND PUBLICATIONS

Clickworkers: Problems and Solutions for the Future of AI Labour | *video link* September 2021
Gikii - Geek Law Conference virtual event

Designing a Social Machine for the Heart Manual Service | *paper link* February 2017
Proceedings of the 10th International Conference on Health Informatics Porto, Portugal

TEACHING EXPERIENCE

Interactive AI Team Project: Teaching Assistant Sep 2021 - ongoing
University of Bristol

HCI Theory: Teaching Assistant Sep 2021 - Jan 2022
University of Bristol

TECHNICAL CERTIFICATIONS

AI-100: Azure AI Engineer Associate
DP-100: Azure Data Scientist Associate
Exam 534: Architecting Azure Solutions

COMMUNITY INVOLVEMENT

Data Ethics Club: content contributor and active member
Women in STEM: panel speaker, code workshops

SKILLS

Languages: German (Native), English (C2), Italian (C1), French (B2), Bahasa Indonesia (B1)
Programming: Python – advanced data science applications using Pandas or Pyspark and NLP using NLTK and spaCy; C# – good knowledge
Software: Microsoft Office Suite, Photoshop, InDesign, prototyping software (such as Justinmind)