

DR. ALICE THUDT

INFORMATION VISUALIZATION & UX

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PERSONAL STATEMENT

I'm a User Experience Designer and Researcher specializing in information visualization. During my Ph.D. in Computational Media Design I have gained experience in both designing and developing user friendly interfaces. I am further fluent in user research methods with a focus on qualitative studies. In my free time I am a hobby ceramic artist. I am passionate about everything that has to do with crafting.

EXPERIENCE

- **VISITING VISUALIZATION RESEARCHER**
INRIA, Paris | Aug 15 - Dec 15
- **VISUALIZATION & UX DESIGN**
Consultant at Harvard, USA | Nov 14 - Dec 14
At the John G. Wolbach Library of the Harvard Smithsonian Center for Astrophysics my role was to interview Astrophysicists and to consult the developers of the NASA Astrophysics Data System in questions of interface and visualization design.
- **VISITING VISUALIZATION RESEARCHER**
University of Calgary, Canada | Jul 12 - Sep 12
- **UX DESIGN & WEB DEVELOPMENT**
Freelance | Mar 09 - Dec 12
As a freelance web developer and designer I have created web based applications in Flash Actionscript for several clients.
- **GAME PROGRAMMING & LEVEL DESIGN**
Working Student, Xmedio | Mar 08 - Aug 08
- **WEB DEVELOPMENT, CONCEPT & DESIGN**
Working Student, edelweiss72 | Apr 07 - Feb 08

EDUCATION

- **PH.D. COMPUTATIONAL MEDIA DESIGN**
University of Calgary, Canada | May 13 - Jun 18
Thesis: Visualizations for Personal Reflection and Expression
My research takes place at the intersection of visualization, HCI and interface design and was published in international venues. My thesis recieved an honorable mention at the VGTC's Best Dissertation Awards.
- **DIPLOM MEDIA INFORMATICS**
LMU Munich, Germany | Oct 06 - Mar 12
Thesis: Studying Interactive Information Visualizations to Support Book Exploration, Grade 1.0
I was one of the top 5% of students in my graduation year.
- **RESEARCH INTERNSHIPS**
University of Calgary, Canada
Aug 10 - Dec 10 & Aug 11 - Sep 11
- **MATHEMATICS**
TU Munich, Germany | Oct 05 - Sep 06
- **ABITUR**
Sophie-Scholl-Gymnasium, Germany | Sep 96 - Jul 05
I graduated best in class with a grade of 1.2 and with the major subjects of Art and Mathematics.

SELECTED AWARDS & RECOGNITIONS



VGTC BEST DISSERTATION AWARD

Honorable Mention | 2018



INFORMATION IS BEAUTIFUL AWARD

Honorable Mention | 2017



MITACS GLOBALLINK RESEARCH AWARD

\$5000 CAD | 2015



RESEARCH SCHOLARSHIPS

AITF (\$63 000 CAD) | 2015

CRIO W21C (\$60 000 CAD) | 2014

Eyes High Leadership (\$4000 CAD) | 2014

Dept. Research Award (\$8000 CAD) | 2014

Recruiting Scholarship (\$5500 CAD) | 2013



AWARD OF EXCELLENCE

top 5% of students in 2012, LMU Munich | 4200 EUR

TEACHING

I have assisted in teaching Human Computer Interaction & UX, User Research Methods, Information Visualization and other Computer Science topics for 9 years. I have further co-organized and taught tutorials and workshops on user research methods and visualization at international academic conferences.

SELECTED COURSES

HUMAN COMPUTER INTERACTION
University of Calgary Jan 15 - Apr 15

INFORMATION VISUALIZATION
University of Calgary Jan 14 - Apr 14

SELECTED WORKSHOPS & TUTORIALS

„Analyzing Qualitative Data“ at IEEE Vis, Phoenix, USA 2017

„Qualitative Evaluation“ at IEEE Vis, Baltimore, USA 2016

„Personal Visualization“ at IEEE Vis, Chicago, USA 2015

SELECTED PUBLICATIONS & PRESENTATIONS

My research has been published in top-tier Human Computer Interaction conferences and journals. I am also an experienced public speaker and love sharing ideas with others. I was invited to present and teach in academic and professional contexts around the world.

JOURNALS & CONFERENCES

2018 | Self-Reflection and Physicalization Construction.
In Proceedings of the ACM Conference on Human Factors in Computing Systems.

2017 | Expanding Research Methods for a Realistic Understanding of Personal Visualization.
In CG&A Visualization Viewpoints.

2015 | Visual Mementos: Reflecting Memories with Personal Data.
In IEEE Transactions on Visualization and Computer Graphics.

2015 | The Bohemian Bookshelf: Supporting Serendipitous Book Discoveries through Information Visualization.
In Proceedings of the ACM Conference on Human Factors in Computing Systems.

BOOK CHAPTERS

2018 | Exploration and Explanation in Data-Driven Storytelling. In "Data-Driven Storytelling", CRC Press.

INVITED TALKS & LECTURES

2015 | Visualization: Available Tools, Use Cases, Examples. Data Scientist Training for Librarians, Copenhagen, Denmark

2013 | Using Visualization to Support Serendipity in Digital Collections. City University London, UK

2013 | Keynote: The Bohemian Bookshelf: Supporting Serendipitous Book Discoveries through Information Visualization. Liberact Workshop, Harvard Library, Cambridge, USA

SKILLS

LANGUAGES

German 

English 

French 

PROGRAMMING

HTML & CSS 

Javascript 

Java 

TOOLS

Adobe CS 

MS Office 

Tableau 

EXTRADISCIPLINARY INTERESTS

I have travelled extensively in different countries around the world particularly in Asia, South-America, and Europe and deliberately sought experiences off the beaten track. These experiences, as well as living in Calgary (Canada), Cambridge (USA) and Paris (France), taught me to quickly adapt to new contexts and thrive in international collaborations.

Other hobbies include pottery, painting and drawing, hiking, and skiing.