User Experience Design
Human Factors

Erhard Wimmer

Process Analysis
On Site Observation
Interviews
Surveys

Prototype + Test
Paper and Digital Prototypes
User Tests
Axure, Sketch, Invision

Human Factors
Ergonomics
Standards

Visual Design
Design Guidelines
Color Usage
Standards

Info Design
Adobe CS
Sketch

Workshops
Wokshop Moderator
Applying Design Thinking
Methodologies

erhardwimmer.com

AVINOR · BMW · skyguide swiss air navigation services ltd · adidas · Bundeswehr · DFS Deutsche Flugsicherung · SCHUTZ HILFE

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Erhard Wimmer
4082 Aschach Donau
Abelstrasse 11
+ 43 664 811 3614
erhard.wimmer@gmail.com

Citizen of Austria
Married, two children
linkedin.com/in/erhardwimmer
twitter@erhardwimmer
erhardwimmer.com

IBM / ecxio

05 2016 – today

IBM Certified Design Thinking Trainer &
Senior Lead UX Designer, Vienna

IBM Certified Design Thinking Trainer

- Responsible for establishing Design Thinking methods internally and at customer projects
- Workshop moderator for internal IBM Design Thinking Bootcamps
- IBM Design Thinking workshop moderator for IBM and ecxio key accounts (BMW, Mondi)

Customer Projects for IBM and ecxio key accounts

- Design lead for the analysis phase at a worldwide BMW project, applying user centred design methods like IBM Design Thinking
- Lead UX Designer for two strategic business area projects for Mondi using Design Thinking and Scrum.
- UX Design for AMS account of IBM, using user centred design methods and user testing within Scrum.

Presales support

- Representing a user centred design approach, including user research, workshops, prototyping and user testing for several potential customers together with sales and digital strategy for e.g. Fronius, BMW, Hofer, AGES

AUTOMIC

09 2014 – 11 2015 User Experience Design Governance, Vienna

Automic Release Automation

- Design Lead for Automic product range
- Workflow and business process analysis on customer site to extract customer needs (*ADIDAS, Austrian National Bank, Devry, Charter, etc.*)
- Generating interactive Hi-Fi and Lo-Fi prototypes based on the analyse phase on various platforms (*mobile Apps, multitouch panels, responsive web-based applications, etc.*)
- User Testing in iterations to gather comparable data over the lifecycle of a product
- Specifying user interfaces for SCRUM teams and implementing specifications with agile development teams in sprints
- Internal and external presentations for customers and staff to establish a user centred design approach
- Implementing Lean UX methods and tools for all teams

Marketing

- Generating and providing Design Guidelines for all Automic whole company
- Monthly coordination with CMO, Support, VP Product Management and Engineering

Organization of external speakers

- Head of Design of Atlassian, Jürgen Spangl
- VP Design of SAP, Matthias Harbusch

Presenter at Automic Booths

- Design Representative for Automic World in Paris, Vienna, Neuss, Chicago, Austin
- Gather feedback and contact customers

FREQUENTIS

02 2006 – 05 2014 Senior Lead User Experience Designer, Vienna

Tower and Airport systems, Remote Tower

- Design Lead for Frequentis information systems and customer projects in safety critical environments
- Managing international customer workshops for Requirements Engineering of Tower and Airport projects
- Workflow and business process analysis on site to extract customer needs
- Generating interactive Hi-Fi and Lo-Fi prototypes for various platforms and devices (*Kinect, mobile Apps, Multitouch and Wacom panels, Responsive web-based applications, etc.*)
- Iterative user testing with customers on site and users in house
- Specifying user interfaces for agile teams and Implementing specifications in sprints
- Training of new employees to establish a user centred design approach
- Adopting international Human Factors standards (FAA, ICAO, defStan, ISO) and ergonomics basis (ISO 9241) for military, remote tower and other workplaces

- Designing interior and work places based on 2D and 3D room plans (light, acoustic, colours, emergency exits, etc.) to fulfil ergonomic standards

Structured User Satisfaction Analysis (SUSA)

- Product analysis on site based on interviews, photos, videos for AVINOR, FINAVIA
- Structuring and categorising the results
- Providing change requests and product improvements
- Presentations internal and external on site
- Establishing SUSA for all Frequentis business units

UX Academy

- Establishing prototyping workshops within the internal company training program
- Training of end users on site

References

- CAD Hongkong
- Deutsche Flugsicherung DFS
- Avinor Norway
- Airservice Australia
- *Führungsinformationssystem* of Austrian Military

NTS

10 2005 – 08 2008 Lead Interaction Designer, Linz

- Creating a new style guide for NTS product range (Design Language)
- Workflow and business process analysis
- Generating interactive prototypes
- Specifying user interfaces
- Implementing specifications with software development
- Internal and external presentations for customers and staff

HYPERWAVE

11 2001 – 10 2005 Interaction Designer, Graz

- Creating a new style guide for HYPERWAVE product range (Design Language)
- Workflow and business process analysis
- Generating interactive prototypes
- Specifying user interfaces
- Implementing specifications with software development
- Internal and external presentations for customers and staff
- Graphic designs for different departments

CYBERHOUSE

01 2000 – 06 2001 Web and Print Designer, Linz

- Creating Websites for Hartlauer, Pfeiffer, Haberkorn, …
- Design, HTML, CSS
- Folder, logos, graphic designs of all different kinds

Futurelab Ars Electronica Center

01 1999 – 01 2000 Web Designer, Linz

- Creating Websites for Futurelab and Ars Electronica projects
- Design, HTML, CSS

Freelancer

01 1996 – 01 2000 Web and Print Designer, Upper Austria

- Creating Websites for Praha, Pfahnl, Angerlehner, Zeidler, Holter,…
- Design, HTML, CSS
- Folder, logos, graphic designs of all different kinds

College for Graphic and Design

09 1992 – 07 1995 Goethestrasse Linz

Master Degree

10 1991 – 06 1992 **Military Service**

1986 - 1991 Higher Technical School for **Electronics** and **Communications Engineering**

Matura

FURTHER EDUCATION

- Project Consulting
- Air Traffic Management
- User Interface Design Theory & Practice
- Presentation Skills
- Conflict Management
- Communication Techniques
- Use Cases
- Agile Development
- HTML 5
- Technical Trainings

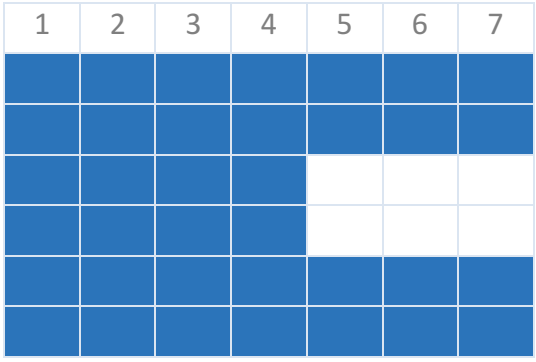
LANGUAGES

English Business fluent

German Mother tongue

IT SKILLS

Adobe CS
MS Office
Video
HTML, CSS
Sketch and Invision
Axure RP*



MISCELLANEOUS

Clearance for safety critical projects in military environments
Patent – *Musterschutz* for Remotely Operated Tower:
001398861 - 0001 - 001398861-0012
Driving Licence: A, B

NETWORK

- **Interactiondesign Community Vienna**
- Co-organizer and presenter at the monthly ongoing UX Meetup Vienna
- http://www.interactiondesign.at
- https://www.meetup.com/uxvienna/