Kristóf Aczél, Ph.D.

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I am a creative person with 6+ years experience in UX design, 10+ years in software engineering, combined with strong artistic skills (music and professional photography). My preferred work type is diving deep in one topic and make the most of it. My objective is to work in an environment that lets me unfold my creativity and artistic skills.

My colleagues know me as a creative and conscientious person who is always willing to help and "always has alternative ideas". I prefer working in a youthful environment where I can dedicate my work to reaching a goal that has my personal interest and enthusiasm.

Education and Career

1999 - 2004
BUTE - Budapest University of Technology and Economics
M.Sc in Technical Informatics (grade: excellent)

2004 - 2010
PhD Studies at BUTE, Department of Automation and Applied Informatics
PhD degree (grade: cum laude)

2004 - 2014
Research Engineer at Nokia NRC
Software Expert at Nokia Siemens Networks
Interaction Designer at Nokia Siemens Networks

2014 - now
UX Designer at Zoosh Magyarország Kft.

UX Design Experience

Tools
Adobe Photoshop
Adobe Illustrator
InVision, Omnigraffle
Paint Shop Pro, GIMP
Vegas Pro Movie Maker
HubSpot, WebFlow, Weebly, Squarespace

Formal Trainings
Goal Directed Interaction Design at Cooper, San Francisco, USA
SAP Design Thinking (2016)

User Domain Analysis
Persona creation
Wireframing
Pixel-ready design
Prototype creation
Branding
Icon and logo design

References
Profile 90 scouting platform
Tixserve Digital Ticketing
Vendit on-line sales tool
Vodafone Global
Bonafarm
MyEnergi

Technical Experience

Web Portal Development

Content Design for
Telco Business Intelligence

E2E Applications
(Symbian, Windows
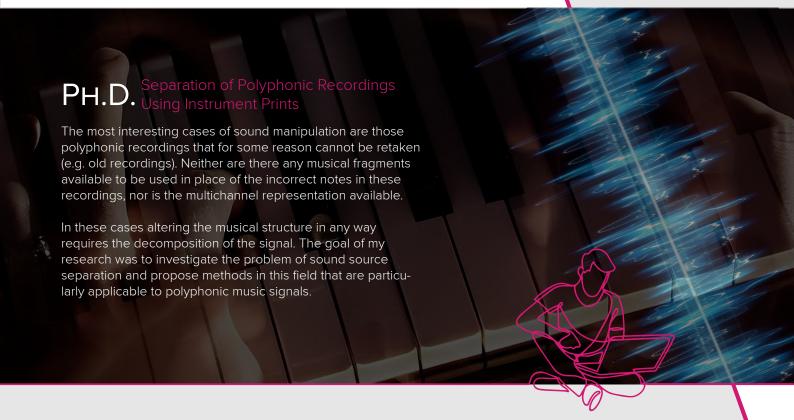Mobile, Blackberry)

Programming languages

C++

C#

Adobe Flash

Java & Java ME

SQL

PHP

HTML + Javascript + CSS

Ph.D. Separation of Polyphonic Recordings Using Instrument Prints

The most interesting cases of sound manipulation are those polyphonic recordings that for some reason cannot be retaken (e.g. old recordings). Neither are there any musical fragments available to be used in place of the incorrect notes in these recordings, nor is the multichannel representation available.

In these cases altering the musical structure in any way requires the decomposition of the signal. The goal of my research was to investigate the problem of sound source separation and propose methods in this field that are particularly applicable to polyphonic music signals.

Other

I speak

- **English**: Advanced language exam, fluent
  Regular usage of written and spoken English at work
- **German**: Intermediate language exam

I'm good at

- Diving deep into a focus area
- Being a team player
- Understanding technology & programming languages
- Talent for arts
- Being a perfectionist
- Reliability

I like

- Playing the piano, the guitar and the saxophone. I played in a band called The Old Show for 8 years (http://www.theoldshow.hu)
- Composing music, the genre could be best described as movie soundtracks
- I enjoy photography, everything from model photography through macro shots, still life to family events. I have a big collection of my photos available at my website (http://aczelkri.info /photoStory.html)
- I have been doing ballroom dancing for 15 years now. I mainly do it for the joy, although I try myself on competitions from time to time.