

MAREK BEREZA

INDUSTRIAL / INTERACTION DESIGN

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EDUCATION

**Royal College of Art /
Imperial College London**
2006-2008

Industrial Design Engineering MA/MSc (Double Masters)

Awarded Professor s Commendation. Final project: *re:voice* - voice controlled musical instrument. Dissertation title: *Rise of the Replicator: The Evolution of Media into the Tangible*. Member of the Design London Incubator Program.

University College London
2002 - 2005

Computer Science BSc

Obtained a first class degree. Dissertation title: "A Cross-Platform Audio File Manipulation Framework." The final result was the fastest when benchmarked against commercial competitors.

PROFESSIONAL EXPERIENCE

July 2008 - Present
Seeper Ltd.
Technical Director

Designing and creating a wide range of projects including a spherical multitouch display, an immersive interactive theatre event, a kinetic musical instrument, a low-res 3D display, see <http://work.mrkbrz.com/> for more.

July 2009 - Present
Mobile App Developer

Contracted by several international clients to build several iPhone and Android applications. These have all been music related.

May 2008 - Present
HH/InnovationRCA

Developing computer vision for a *Magic Light* - a spotlight that you can move by pushing the beam of light.

July 2008 - Present
Designstream Ltd.

Designing and building electronic toy prototypes for Hasbro toys. Programming sounds to embody each individual toy s character.

Nov 2008 - Present
Royal College of Art

Visiting tutor on the IDE MA/MSc course. Also developed a web-based e-learning solution and CMS.

2007 - 2008
Smartslab Ltd.

Created interactive systems for giant LCD screens, including *Minority Report* style hand tracking. Engineering, Motion graphics and CAD visualizations for Richard Rogers Partnership.

2004 - 2006
Captive Internet Ltd.

Built many websites and web-based management solutions, managing everything from estate agents to potato farms to escort agencies.

2002 - Present
Freelance Designer

Graphic/product/motion/concept design and brainstorming. Clients include Nokia, Unilever, Hewlett Packard, O2 Communications, TK Maxx and BBC.

EXHIBITIONS + TEACHING

- **openFrameworks workshop leader** - Newcastle Culture Lab, Newcastle, Dec 2009
- **Tent London**, The Old Truman Brewery, London, Sept 2009
- **Tutor at RCA IDE Course**, May 2009 - Present
- **openFrameworks workshop leader** - UCL, June 2009
- **Digital Cities**, The Building Centre, London, Nov 2008 - Jan 2009
- **CR Photography Annual Show**, Print Space, London Oct 2008
- **RCA Degree Show**, London, June 2008
- **RCA Interim Show**, London, Jan 2008
- **Industrial Design Exhibition**, Tsinghua University, Beijing, 2007
- **Imagination Festival**, Battersea Arts Centre, London, 2006

SKILLS

General

Model-making/RP
Technical Drawing
Electronics

Programming

C++ / Obj-C
Cocoa/iPhone
openFrameworks
Audio / DSP programming

CAD/3D

Rhino
Solidworks
Cinema 4D

Graphics

Photoshop
Illustrator
InDesign
Dreamweaver

Languages

English
Polish (Bilingual)
Russian (Intermediate)
French (Intermediate)
Japanese (Beginner)

Flash / AS3

Max/MSP / Pd
Arduino
Java / Processing
Apache / PHP / MySQL
UNIX / Linux Environment

Multimedia

Logic Pro
Final Cut Pro
AfterEffects
Director
Quartz Composer

Freehand

Gimp

OTHER INFO

- Winner, Most Mutated Design: Mutations , O2 Mobile Competition, 2007
- Participated in The Royal Academy of Engineering s Year in Industry programme.
- Released two albums on Undergroove Records and toured across England, Scotland and Ireland with the band, *Down / Go*.

INTERESTS

Learning, the Future, Science, Nature, Japan, travelling, exploring, science fiction, snowboarding, cycling, lutherie and woodworking, painting and drawing, singing, playing guitar, bass or drums, writing and recording music.

REFEREES

Professional Referee

Miles Pennington
Designstream
Westbourne Studios
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Academic Referee

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