

Daniel R. Bersak

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Objective:

I would like to find a fun, fast-paced and technically challenging work environment in the United States or European Union. I have dual citizenship with the United States and the United Kingdom, so I do not need a visa to work anywhere in the EU.

Experience:

Massachusetts Institute of Technology - Cambridge, MA May 2006 - Present

- Appointed as **Lecturer of Writing, Technology, and Media** in the school of Humanities, Arts, and Social Sciences.
- Taught or will teach courses on photojournalism, mobile technology, media technology, and media theory.
- Designed and led a year-long workshop seminar for graduate students.

Freelance Photojournalist - Boston, MA February 2003 - Present

- Work featured in the *New York Times*, *Washington Post*, *USA Today*, *GQ*, *Newsweek*, *ESPN Magazine*, etc.
- Photographed international-scale news for the **A.P.**, **Sipa Press**, & others.
- Edited & transmitted images on tight deadlines, often in under 10 minutes.

MIT OpenCourseWare - Cambridge, MA May 2003 - August 2004

- Adapted course materials for a large-scale philanthropic publication.
- Originated academic content to supplement course offerings.
- Educated MIT Faculty about publishing & intellectual property issues.

MIT Media Laboratory - Cambridge, MA May 2002 - February 2003

- Drafted and machined physical user interfaces and electronics housings.
- Networked still and video image capture systems for collaborative media creation.
- Pursued and won a large hardware donation from a major corporation.

Media Lab Europe - Dublin, Ireland May 2001 - December 2001

- Designed custom biosensor systems for Virtual Reality applications.
- Collected, filtered, and analyzed biometric data.
- Created a micro-scale linear actuator for haptic (touch) research.

Microsoft Research - Redmond, WA May 2000 - August 2000

- Developed a robust universal object server based on Microsoft SQL.
- Wrote accompanying APIs for both Windows 2000 and Windows CE.
- Implemented collaborative educational software based on these tools.

MIT Media Laboratory - Cambridge, MA October 1998 - November 1999

- Researched interactive television, location & position sensing systems.
- Produced & designed circuit boards for data acquisition, battery power.
- Created biometric sensor arrays, GPS-enabled digital cameras, and more.

FIRST - Manchester, NH April 1998 - August 1998

- Designed and assembled digital video editing workstations.
- Installed and maintained Citrix Winframe server and THIN clients.
- Wrote, tested, and taught a digital electronics course for children.

Publications:

Bersak, D., McDarby, G., et al. "Intelligent Biofeedback Using an Immersive Competitive Environment," *Ubicomp*, Atlanta, GA, USA, 30 September - 2 October 2001.

Proceedings: 2004 Eddie Adams Photojournalism Workshop (Adobe Award Winner), 2005 Sportsshooter Academy Sports Photography Workshop.

Bersak, Daniel. "Ethics in Photojournalism: Past, Present, and Future." (MS Thesis, MIT, 2006).

Education:

Massachusetts Inst. of Technology

September, 2006.

- **M.S. - Comparative Media Studies.**
- Research topics include Photojournalism and Public Policy, Evolution of Journalistic Ethics in Visual News Media.

Massachusetts Inst. of Technology

February, 2003.

- **B.S. - Electrical Engineering & Computer Science and Comparative Media Studies (21E - CMS & VI).**
- Experience teaching courses on Autonomous Robotics, Photography, and First Aid, Concentration in Music.

Proficiencies:

Holography, Photography, Documentary Photography, Photojournalism, Digital Imaging, Video Production, Digital Video, Machining, Rapid Prototyping, Circuit design, Board Layout, VHDL, Microcontrollers, Embedded Systems, Sensor Arrays, Data Acquisition, Radio Communications, Database Architecture, Networking, Wireless Networking, Data Recovery, Server Systems, Mobile Technologies, WML, Windows CE, Palm OS, CAD, Assembly, C/C++, HTML/DHTML, Java, Javascript, Perl, Visual Basic, Lisp, Tcl/Tk, Emergency Medicine (Certified EMT).

Interests:

Skydiving, Vocal Music, Photography, Amateur Radio, Emergency Medical Volunteer.