

Daniel R. Bersak

drb@alum.mit.edu

10 Lancaster Lane
Bedford, New Hampshire 03110
U.S.A.

<http://www.drbphoto.com>
Home (603) 471-2703
Mobile (617) 429-6273

Objective:

To find a fun, fast-paced and technically challenging work environment.

Experience:

Associated Press - Boston, MA February 2003 – Present

- Photographed national and international-scale news events.
- Edited and transmitted images on tight deadlines.
- Work published in *USA Today*, *New York Times*, *Washington Post*, *Boston Globe*, and others.

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 ultimately 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 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 May 1999 - November 1999

- Designed and fabricated battery power supplies.
- Researched location and position sensing systems.
- Created a "position-aware" GPS and magnetometry enabled digital camera.

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

- Researched new approaches to interactive television.
- Produced several microcontroller-based circuit boards for data acquisition.
- Experimented with biometric sensor arrays.

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.

Education:

Massachusetts Institute of Technology - February, 2003.

- B.S. - Comparative Media Studies and EECS (21E – CMS + VI),
- 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 - USPA A36253
- Amateur Radio - KA1ZUF
- A Cappella Music
- World Travel
- Photography
- EMS Operations