Limor Fried

ladyada@mit.edu   X XXXXXX st., Cambridge, MA 02142
(617) XXX-XXXX   http://www.media.mit.edu/~ladyada

Objective   Employment as a member of an industrial design team, acting as a product design-conscious software and hardware engineer.

Education   **Massachusetts Institute of Technology (M.I.T.)**   *September 1999—2005*
Masters of Engineering in Computer Science and Electrical Engineering.

Bachelor of Science in Computer Science and Electrical Engineering. Cumulative GPA of 4.5/5.0. Coursework includes analog electronics engineering, software engineering and computer engineering, compiler and distributed systems design, media art, and industrial design.

Experience   **M.I.T. Media Lab**   *January 2004—January 2005*
Research Assistant in the Computing Culture Group at the M.I.T. Media Lab. Research focused on social reactions to common technologies, and the development of counter-technologies under the 'Design Noir' methodology. Designed and developed software/firmware/hardware for multiple embedded systems for use by students, including: Ethernet with TCP/IP stack, a pedagogical prototyping system, and compact flash storage with FAT library.

M.I.T. Department of EECS   *January 2003—December 2004*
Employed as a Teaching Assistant for *6.001 Structure and Interpretation of Computer Programs*. Responsibilites included developing and teaching tutorial sessions for 35 students, assisting with programming assignments, as well as grading assignments and examinations.

Mitsubishi Electric Research Laboratory (MERL)   *June 2001—August 2001*
Employed in the Summer Internship program as a software/firmware engineer. Assisted in the research and development of a speech-driven personal communications device. Developed USB stack firmware, device driver, and software for use in a new computer interface to the DiamondTouch touch-table.

Dimensional Insight Inc.   *July 2000—August 2000*
Employed full time as a Software Engineer intern in Java/Swing. Primarily worked on the WebDiver applet-client interface for the backend database server. Worked on current production software as well as future database mining techniques.

Secure Computing Corp.   *June 1998—August 1998*
Employed full time as a junior Software Engineer intern. Involved in development of Unix-based networking applications with applications in the fields of network and computer security. Strong usage of TCP/IP raw sockets and DLPI in C.

Skills   **Programming Languages and Tools**
Proficient in C, C++, Java/Swing, many scripting languages, Sparc, Intel, and MIPS assembly. Comprehensive use of socket, device driver, and thread-safe programming as well as the underlying kernel support. Familiar with Windows/MFC in C++, and MacOS toolkit in C.

Hardware and Firmware Design
Versed in microcontroller programming and sensor integration, including 8051, AVR, and PIC, in assembly and C. Experienced in the design and analysis of digital and analog circuits as well as software/firmware interfaces. Skilled in design, part specification, layout, prototyping and fabrication of printed circuit boards, including fine-pitch surface mount technologies.

Fabrication and Rapid Prototyping
Familiar with many fabrication techniques and technologies including metal and wood shop machine tools, MIG/arc-welding, waterjet, lasercutter, textile work, wet-etch PCB manufacture, and CAD.