

# Bryan Fink

Lexington, MA

*Request non-internet contact info via email, please.*

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<http://beerriot.com/>

## PROFILE

Talented, experienced, imaginative, driven software creator with broad technology experience and interest.

## EXPERIENCE

### **Software Developer, BASHO Technologies, Inc.; Cambridge, MA Feb. 2008 - Present**

- Designed and implemented web-based sales tools with team of developers
- Coded web services in Erlang to take advantage of distributed computing resources

### **Software Developer, EventMonitor, Inc.; Boston, MA Jan. 2006 - Jan. 2008**

- Created ACID-compliant, low-latency, redundant object store for automated trading platform
- Implemented remote-cluster monitoring system
- Automated software release process
- Improved NFS performance

### **Software Developer, Teradyne, Inc.; North Reading, MA June 2004 - Jan. 2006**

- Maintained driver for widely-used parallel bus test instrument
- Expanded bus abilities for serial bus test instrument
- Debugged customer issues remotely and on-site
- Improved build system resource sharing

### **Intern, EventMonitor, Inc.; Boston, MA Jan. 2004 - June 2004**

- Created JNI interface to native linear algebra libraries
- Benchmarked storage technologies

### **Intern, DaimlerChrysler, AG; Berlin, Germany June 2003 - Aug. 2003**

- Created JNI interface to CAN-networking equipment connecting automotive instruments to software simulations

### **Intern, Ping Ping Chai; Cambridge, MA Jan. 2003 - May 2003**

- Created touchscreen-based GUI for networked jukebox system

### **Undergraduate Researcher, MIT; Cambridge, MA Sep. 2001 - Dec. 2003**

- Applied SVN AI algorithms to extract artist "fingerprint" for automated musician recognition system
- Implemented "round robin" thread scheduler for FLEX Realtime Java-to-C compiler
- Created storage backend for community knowledge sharing system

### **Intern, Lucent Technologies; Murray Hill, NJ Summers 1997-99**

- Created sample applications for the Softswitch project
- Maintained code for experimental interface web application.

## EDUCATION

### **Massachusetts Institute of Technology; Cambridge, MA B.S., 2004**

- Major: Computer Science and Engineering, GPA: 4.0
- AUP: "Solitaire Game Description Language: A study in task-specific programming language design"

## PERSONAL PROJECTS

### **BeerRiot; <http://beerriot.com/> Feb. 2007 - Present**

- Developed website to make user-specific recommendations, based on each user's ratings of other products
- Created Facebook library for Erlang ([code.google.com/p/erlang2facebook](http://code.google.com/p/erlang2facebook/)), implemented Facebook application

## SKILLS

- Programming Languages: Java, C/C++, Erlang, Scheme, Lisp, Perl, Python, Javascript, LaTeX, HTML, SQL
- Operating Systems: Linux, Mac OS X, Windows, Solaris, IRIX
- Non-computer-related: percussionist, brewer, woodworker