

Ben Artin

(formerly Miroslav Jurišić)

10 Summer St, Apt 1002
Malden, MA 02148, US
+1 617 953 7243

ben@artins.org
<http://artins.org/ben>

EMPLOYMENT

Fetch Softworks; Hanover, NH **Jul 2003 - present**

Design and development of Fetch, the premier Macintosh FTP client
Wide range of responsibilities, including development of localization support, maintenance of development infrastructure, and participation in planning the product's long-term direction.

Avid Technology; Tewksbury, MA **Sep 2002 - Jun 2003**

Design and development of Avid AVX plugin architecture
Responsibilities included support of 3rd party AVX developers, upgrading AVX implementation to modern Mac OS APIs, and participation in the design of the new AVX API.

MetaCarta; Cambridge, MA **May 2002 - Aug 2002**

Development of the MetaCarta Geographic Text Search System

Massachusetts Institute of Technology; Cambridge MA **Sep 1996 - Apr 2002**

Design and development of MIT Kerberos for Macintosh
Focus on building a coherent user experience on top of disparate security APIs dating back to 1987 and designing and implementing unified APIs to support that user experience.

Microsoft; Redmond, WA **May 1996 - Aug 1996**

Internship on the Microsoft Office for the Macintosh team

EDUCATION

Massachusetts Institute of Technology; Cambridge, MA Computer Science M. Eng., 2001
Massachusetts Institute of Technology; Cambridge, MA Computer Science S. B., 2001
Massachusetts Institute of Technology; Cambridge, MA Mathematics S. B., 2001
International Baccalaureate; Zagreb, Croatia 1995

PUBLISHED WORKS

"Easy Access to the Applications Folder from a Disk Image" O'Reilly Mac Dev Center, 2005
"Hierarchical Distributed Repositories in CVS" MIT Master's Thesis, 2001
"Calling CFM Shared Libraries from Classic 68K Code" MacTech™ Magazine, Vol 15.3, March 1999
"Data Sharing on Mac OS X" MacHack, 2001
"Signing Prebound Executables on Mac OS X" MacHack, 2003

AWARDS

MacHack Best Hack Award (1998, 2000)
asciiMac (1998) converts Mac OS desktop to color ASCII art in real time
DockStrip (2000) applies the Mac OS X Dock magnification effect to Mac OS 9 Control Strip
William Lowell Putnam Mathematical Competition Honorable mention (1997, 1998)
International Mathematics Olympiad Bronze medal (1993, 1994, 1995)
American Computer Science League All-Star Competition Second place, individual categories (1995)
Croatian National Mathematics Competition First place (1992, 1993, 1994, 1995)

SKILLS

Languages: C, C++, Scheme, Java, Pascal, AppleScript, Perl, Python, PHP

APIs: Mac OS, Mac OS X, Carbon, PowerPlant, BBEdit plugins, CodeWarrior plugins, Code Fragment Manager, Mixed Mode Manager, dyld, Kerberos v4, Kerberos v5, Standard C Library, Standard Template Library, Boost, Cocoa, Twisted, PyObjC

Protocols: CVS, POP, FTP, Kerberos, AFP, IMAP, HTTP, SMTP, LDAP, SSL

Other: Compiler implementation, Preferred Executable Format, Mach-O executable format, LATEX, cryptography, network security, Debian Linux, PowerPC Linux