

Ben Artin

Unabridged resume, page 1 of 2

ben@artins.org, artins.org/ben
github.com/airbornemint
33 Sylvan Ave Apt #906, New Haven, CT 06519
+1 (617) 953 7243

EMPLOYMENT

- Connecticut Emerging Infections Program** New Haven, CT **Research Assistant** 2016
Mathematical modeling of influence of contact network heterogeneity and time-variance on impact of HPV vaccine on cervical cancer precursors.
- Yale School of Public Health** New Haven, CT **Software Engineering Consultant** 2016
Design and implementation of iPad app for education of patients in primary care setting about adolescent vaccination.
- Fetch Softworks** Hanover, NH **Senior Software Engineer** 2003 – present
Design and development of Fetch, the premier Macintosh FTP client and Roadshow, an iPad app for time-shifting on-line video. Wide range of responsibilities, including development of localization support, maintenance of development infrastructure, and participation in planning the products' long-term direction.
- Harvard Medical Faculty Physicians** Boston, MA **Software Engineering Consultant** 2010 – present
Design and implementation of iPad front-end for KBHR, a hospital electronic health records system; design and implementation of InfoSAGE, a tool for facilitating patient and caregiver engagement in geriatric care; maintenance and support of development infrastructure.
- Harvard Extension School** Cambridge, MA **Teaching Assistant** 2013 – 2014
Instruction and grading, "Introduction to Biostatistics".
- Avid Technology** Tewksbury, MA **Software Engineer** 2002 – 2003
Design and development of Avid AVX plugin architecture; support of 3rd party developers; redesign of AVX API.
- Metacarta** Cambridge, MA **Software Engineer** 2002
Development of the MetaCarta Geographic Text Search System.
- Massachusetts Institute of Technology** Cambridge, MA **Software Engineer** 1996 – 2002
Design and development of MIT Kerberos for Macintosh; redesign of Kerberos UX on Mac OS; API development in support of UX redesign.
- Microsoft** Redmond, WA **Software Engineering Intern** 1996

VOLUNTEER EXPERIENCE

- Yale School of Public Health** New Haven, CT **Electronics Workshop Instructor** 2016
- Trumbull EMS** Trumbull, CT **EMT-B** 2015 – present
- Yale EMS** New Haven, CT **EMT-B** 2015 – present
- MIT EMS** Cambridge, MA **EMT-B** 2010 – 2015
- Boston Athletic Association** Boston, MA **Emergency services** 2001 – 2015
First aid provider, medical communications, emergency dispatch, course evacuation, and communications organizing subcommittee for Boston Marathon, Boston Half-Marathon, and BAA 10K
- Other public service organizations** Boston, MA **Emergency services** 2000 – 2015
First aid provider, medical communications, and emergency dispatch for "Finish on the Fifty" 10K, New England Kids' Triathlon, Head of the Charles Regatta, "Run of the Charles" kayak and canoe race, Jimmy Fund Marathon Walk, Walk for Hunger – Boston, and Stoneham Veteran's Day Road Race

EDUCATION

- Yale School of Public Health** New Haven, CT Epidemiology of Microbial Diseases **MPH** expected 2018
- Yale School of Medicine** New Haven, CT Physician Associate **MMS** expected 2018
- Tufts University** Somerville, MA non-degree, 2014
- Harvard Extension School** Cambridge, MA non-degree, 2011 – 2013
- Northeastern University** Boston, MA non-degree, 2011 – 2013
- Massachusetts Institute of Technology** Cambridge, MA Computer Science **MEng** 2001
- Massachusetts Institute of Technology** Cambridge, MA Electrical Engineering and Computer Science **BS** 2001
- Massachusetts Institute of Technology** Cambridge, MA Mathematics **BS** 2001

Ben Artin

Unabridged resume, page 2 of 2

ben@artins.org, artins.org/ben
github.com/airbornemint
33 Sylvan Ave Apt #906, New Haven, CT 06519
+1 (617) 953 7243

AWARDS

Physician Assistant Education Association
MIT
MIT EMS
MacHack conference
William Lowell Putnam Mathematical Competition
International Mathematics Olympiad
American Computer Science League All-Star Competition
Croatian National Mathematics Competition

Future PA Educator Fellowship 2014
Collier Medal for Community Service 2014
Mentor of the Year 2014
Best Hack 1998, 2000
Honorable mention 1997, 1998
Bronze medal 1993, 1994, 1995
Second place, individual categories 1995
First place 1992, 1993, 1994, 1995

PUBLICATIONS

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

LICENSES

Connecticut Office of Emergency Medical Services EMT 2015 - present
National Registry of Emergency Medical Technicians EMT 2015 - present
Massachusetts Office of Emergency Medical Services EMT 2009 - present
American Heart Association CPR, Healthcare Provider 2009 - present
Federal Communications Commission Amateur Radio Operator 2000 - present

SKILLS

Programming languages Swift, Objective-C, Python, C/C++, Scheme, Java, Perl, PHP, HTML, XML, CSS, Arduino
Data Analysis R, Matlab, SAS
APIs Cocoa Touch, Cocoa, libc, STL, Boost, Twisted, PyObjC
Network Protocols HTTP, TLS, WebDAV, Amazon S3, SSH, FTP, SMTP, Subversion, CVS, IMAP, LDAP, POP, Kerberos, AFP
Other Compiler implementation, Mach-O format, L^AT_EX, cryptography, network security, Linux, Trac, Adobe Photoshop & Illustrator