

Ben Artin

Pronouns: 'they' or 'he'

Unabridged resume, page 1 of 2

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📄 github.com/airbornemint

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☎ +1 (617) 953 7243

EMPLOYMENT

Yale School of Public Health New Haven, CT **Research Assistant** 2018 - present
Mathematical modeling of respiratory infections in infants

Connecticut Emerging Infections Program New Haven, CT **Research Assistant** 2016
Mathematical modeling of influence of contact network heterogeneity and time-variance on HPV vaccine impact

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 **Software Engineering Consultant** 2015 - present
Senior Software Engineer 2003 - 2015
Design and development of Fetch, the premier Macintosh FTP client and Roadshow, an iPad app for time-shifting online video. Wide range of responsibilities, including localization support, maintenance of development infrastructure, and planning the products' long-term direction

Harvard Medical Faculty Physicians Boston, MA **Software Engineering Consultant** 2010 - 2016
Design and implementation of iPad front-end for KBHR, a hospital EHR system; design and implementation of InfoSAGE, a tool for facilitating patient and caregiver engagement in geriatric care; development infrastructure support

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 macOS; API development in support of UX redesign

Microsoft Redmond, WA **Software Engineering Intern** 1996
Internship on the Microsoft Office for the Macintosh team

EDUCATION

Yale School of Medicine New Haven, CT Physician Associate **MMSc** 2018
With clinical rotations in geriatrics, urgent care, interventional & diagnostic radiology, anesthesiology, and trauma surgery

Yale School of Public Health New Haven, CT Epidemiology of Microbial Diseases **MPH** 2018
non-degree, 2014

Tufts University Somerville, MA non-degree, 2011 - 2013

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
Electrical Engineering and Computer Science **BS** 2001
Mathematics **BS** 2001

VOLUNTEER EXPERIENCE

Yale School of Public Health New Haven, CT **Electronics Workshop Instructor** 2016

Trumbull EMS Trumbull, CT **EMT-B** 2015 - 2016

Yale EMS New Haven, CT **EMT-B** 2015

MIT EMS Cambridge, MA **EMT-B** 2010 - 2015

Boston Athletic Association Boston, MA **Emergency services** 2001 - 2015
First aid, medical communications, course evacuation, emergency dispatch, and emergency planning

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AWARDS

Yale New Haven Hospital

Physician Assistant Education Association

Designed and taught semester-long 3D-printing workshop to PA students

MIT

MIT EMS

MacHack conference

William Lowell Putnam Mathematical Competition

International Mathematics Olympiad

American Computer Science League All-Star Competition

Croatian National Mathematics Competition

"Great Catch" safety commendation 2018

Future PA Educator Fellowship 2016

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 & PRESENTATIONS

Yale Master's Thesis

Artin, B **Assessment and Optimization of RSV Prophylaxis in Connecticut, 1995-2013** 2018

Yale School of Medicine

Panelist **The Role of the Physician in Caring for LGBTQ Patients** 2018

Yale-New Haven Hospital

Panelist **Resident Teaching Session on Gender Identity** 2018

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 & CERTIFICATIONS

American Heart Association

Advanced Cardiac Life Support 2017 - present

American Heart Association

Pediatric Advanced Life Support 2018 - present

Connecticut Office of Emergency Medical Services

EMT 2015 - 2017

National Registry of Emergency Medical Technicians

EMT 2015 - 2017

Massachusetts Office of Emergency Medical Services

EMT 2009 - 2017

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

Clinical Skills

Suturing & laceration repair, venipuncture, Seldinger technique, fluoroscopy, direct & video laryngoscopy, oral & nasal endotracheal intubation

Other

Compiler implementation, Mach-O format, \LaTeX , cryptography, network security, Linux, Trac, Adobe Photoshop & Illustrator