



# Ben Artin

Pronouns: "they" or "he"

✉ ben@artins.org 🏠 ben.artins.org  
🌐 github.com/airbornemint 🐙 gitlab.com/airbornemint  
📍 33 Sylvan Ave, Apt #906, New Haven, CT 06519  
☎ +1 (617) 953 7243

## EMPLOYMENT

- Physician Assistant, Psychiatry** • **Four Winds Hospitals** Sep 2019 – present
- Software Engineering Consultant** • **World Health Organization** June 2019 – present  
Web-based tools for analysis of pneumococcal vaccine impact: UX design, engineering, devops
- Research Assistant** • **Yale School of Public Health** New Haven, CT Jan 2019 – present  
Respiratory syncytial virus: mathematical modeling
- Software Engineering Consultant** • **Fetch Softworks** Hanover, NH 2015 – present
- Research Assistant** • **Connecticut Emerging Infections Program** New Haven, CT 2016  
Human papillomavirus: mathematical modeling
- Software Engineering Consultant** • **Yale School of Public Health** New Haven, CT 2016  
iOS app (adolescent vaccine patient education): UX design, engineering
- Teaching Assistant** • **Harvard Extension School** Cambridge, MA 2014
- Teaching Assistant** • **Harvard Extension School** Cambridge, MA 2013  
"Introduction to Biostatistics": instruction, grading
- Software Engineering Consultant** • **Harvard Medical Faculty Physicians** Boston, MA 2009 – 2017  
KBHR (iPad EHR frontend): UX design, engineering, devops; InfoSAGE (web app for facilitating patient and caregiver engagement in geriatric care): UX design, engineering, devops
- Senior Software Engineer** • **Fetch Softworks** Hanover, NH 2003 – 2015  
Fetch (the premier Macintosh FTP client) and Roadshow (iPad app for time-shifting online video): UX design, engineering, testing, devops, product strategy
- Software Engineer** • **Avid Technology** Tewksbury, MA 2002 – 2003  
Avid AVX plugin architecture: API design, engineering, developer support
- Software Engineer** • **Metacarta** Cambridge, MA 2002  
MetaCarta Geographic Text Search System: engineering
- Software Engineering Intern** • **Microsoft** Redmond, WA 1996  
Microsoft Office for the Macintosh: engineering
- Software Engineer** • **Massachusetts Institute of Technology** Cambridge, MA 1996 – 2002  
MIT Kerberos for Macintosh: UX design, API design, engineering, product strategy, developer support, devops

## EDUCATION

- MMSc, Physician Assistant** • **Yale School of Medicine** New Haven, CT Dec 2018  
Inpatient rotations: internal medicine, emergency medicine, pediatrics, geriatrics, obstetrics and gynecology, psychiatry, anesthesiology, diagnostic radiology, interventional radiology  
Outpatient rotations: primary care, urgent care  
Surgical rotations: general and orthopedic surgery, trauma surgery
- MPH, Epidemiology of Infectious Diseases** • **Yale School of Public Health** New Haven, CT Dec 2018  
non-degree • **Tufts University** Medford, MA 2014
- non-degree • **Harvard Extension School** Cambridge, MA 2011 – 2013
- non-degree • **Northeastern University** Boston, MA 2011 – 2012
- MEng, Computer Science** • **MIT** Cambridge, MA 2001
- BS, Electrical Engineering & Computer Science** • **MIT** Cambridge, MA 2001
- BS, Mathematics** • **MIT** Cambridge, MA 2001



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## LICENSES & CERTIFICATIONS

<b>Controlled Substance Registration</b> • <b>Drug Enforcement Administration</b>	Sep 10 2019 – June 30 2022
<b>National Provider Identifier</b> • <b>Centers for Medicare and Medicaid Services</b>	Sep 6 2019 – present
<b>Physician Assistant</b> • <b>New York</b>	Aug 6 2019 – July 31 2022
<b>Physician Assistant</b> • <b>New Jersey</b>	July 24 2019 – Aug 31 2021
<b>Physician Assistant</b> • <b>Connecticut</b>	May 2019 – Jan 31 2021
<b>Physician Assistant</b> • <b>National Commission on Certification of Physician Assistants</b>	Mar 2019 – Dec 31 2021
<b>Pediatric Advanced Life Support</b> • <b>American Heart Association</b>	Dec 2018 – present
<b>Advanced Cardiac Life Support</b> • <b>American Heart Association</b>	2017 – present
<b>Healthcare Provider CPR</b> • <b>American Heart Association</b>	2009 – present
<b>Amateur Radio Operator</b> • <b>Federal Communications Commission</b>	2000 – present

## VOLUNTEER EXPERIENCE

<b>Electronics Workshop Instructor</b> • <b>Yale School of Public Health</b> New Haven, CT	2016
<b>EMT</b> • <b>Trumbull EMS</b> Trumbull, CT	2015 – 2016
<b>EMT</b> • <b>Yale EMS</b> New Haven, CT	2015
<b>EMT</b> • <b>MIT EMS</b> Cambridge, MA	2010 – 2015
<b>Emergency services</b> • <b>Boston Athletic Association</b> Boston, MA	2001 – 2015
First aid, medical communications, course evacuation, emergency dispatch, and emergency planning	
<b>Emergency services</b> • <b>Other public service organizations</b> Boston, MA	2000 – 2015
First aid, medical communications, emergency dispatch, and emergency planning	

## AWARDS

<b>Patient safety commendation ("Great Catch")</b> • <b>Yale New Haven Hospital</b>	Jan 2018
<b>Future PA Educator Fellowship</b> • <b>Physician Assistant Education Association</b>	2016
Designed and taught semester-long 3D-printing workshop to PA students	
<b>Collier Medal for Community Service</b> • <b>MIT</b>	2014
<b>Mentor of the Year</b> • <b>MIT EMS</b>	2014
<b>Best Hack</b> • <b>MacHack conference</b>	1998, 2000
<b>Honorable mention</b> • <b>William Lowell Putnam Mathematical Competition</b>	1997 – 1998
<b>Bronze medal</b> • <b>International Mathematics Olympiad</b>	1993 – 1995
<b>Second place, individual categories</b> • <b>American Computer Science League All-Star Competition</b>	1995
<b>First place</b> • <b>Croatian National Mathematics Competition</b>	1992 – 1995

## PUBLICATIONS & PRESENTATIONS

<b>Emergency medicine resident training on gender diversity</b> , Panelist • <b>Yale-New Haven Hospital</b>	May 2019
<b>How to be out while applying</b> , Panelist • <b>Yale School of Medicine Q-Med Conference</b>	Mar 2019
<b>Internal medicine resident training on gender identity</b> , Panelist • <b>Yale-New Haven Hospital</b>	Dec 2018
<b>Assessment and optimization of RSV prophylaxis in Connecticut</b> , Artin, B & al • <b>Yale Master's Thesis</b>	May 2018
<b>The role of the physician in caring for LGBTQ patients</b> , Panelist • <b>Yale School of Medicine</b>	2016
<b>Easy access to the Applications folder from a disk image</b> , Artin, B • <b>O'Reilly Mac Dev Center</b>	2005
<b>Signing prebound Executables on Mac OS X</b> , Jurišić, M • <b>MacHack conference proceedings</b>	2003
<b>Data sharing on Mac OS X</b> , Jurišić, M • <b>MacHack conference proceedings</b>	2001
<b>Hierarchical distributed repositories in CVS</b> , Jurišić, M • <b>MIT Master's Thesis</b>	2001
<b>Calling CFM shared Libraries from classic 68K code</b> , Jurišić, M • <b>MacTech™ Magazine</b>	1999



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## SKILLS

### Electronic Healthcare Records

Epic, Cerner

### Clinical Skills

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

### Data Analysis

R, Shiny, Matlab, SAS

### Programming languages

Swift, Objective-C, Python, C/C++, R, Scheme, Java, Perl, PHP, HTML, XML, CSS, Arduino

### APIs

Cocoa Touch, Cocoa, jQuery, STL, Boost, Twisted

### Network Protocols

HTTP, TLS, WebDAV, Amazon S3, SSH, FTP, SMTP, Subversion, CVS, IMAP, LDAP, POP, Kerberos, AFP

### DevOps

Github, GitLab, Trac, Docker, AWS, Digital Ocean

### CAD/CAM

Fusion 360, Autodesk EAGLE, Carbide Motion

### Other

Compiler implementation, LaTeX, cryptography, network security, Linux, PCB design, Adobe Photoshop & Illustrator