

MARA ALEXEEV, MD, MPH



RELEVANT SKILLS

- **Currently Learning and Doing**
Natural Language Processing in R and Python
- **Terminologies and Ontologies**
ICD-10, LOINC, SNOMED CT, Hierarchical Presenting Problem ontology, Human Phenotype Ontology, CPT Codes
- **Public Health**
Impact Evaluation, Media Advocacy, Biostatistics, Health Policy, Public Health Journalism
- **R Packages**
tidyverse — *especially* ggplot2, rmarkdown, bookdown, shiny, tidytext
- **Databases and Data**
Boston Children's Hospital EDW, NEISS, wikidata, NHANES, Kaggle
- **R/Medicine Conference'**
Organizing Committee 2020, 2021



GRADUATE MEDICAL EDUCATION

Current
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2020

- **Clinical Informatics Fellow**
Boston Children's Hospital 📍 Boston, MA
 - Informatics consultant for Division of Developmental Medicine research project to create pipeline for research ready clinical information directly from free text notes entered at for patient care.
 - Updated newborn history data collection and helped to develop reusable data elements for clinicals from data collected from a Cerner PowerForm.
 - Exploring applications of Natural Language Process with Business Intelligence group.
 - Helped create BCRP Residency Handbook using R {bookdown} package.
 - Complex workflow analysis of transfers for patients from ICU to floor.
 - Optimization project for use of Cerner's Launchpoint within Primary Care Clinic to help improve patient flow, staff communication, and rapid order entry.

2020
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2019

- **Pediatric Chief Resident**
Memorial Sloan Kettering Cancer Center 📍 New York City, NY

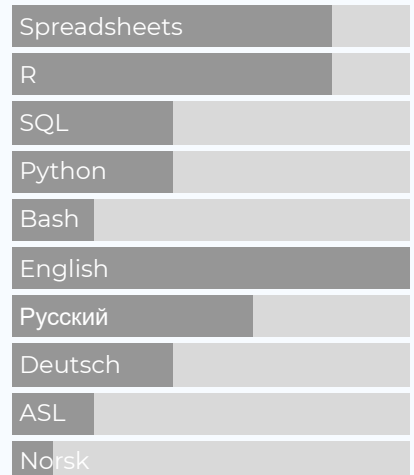


View this CV online with links at maraalexeev.github.io/cv/

CONTACT

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🐦 [MaraAlexeev](https://twitter.com/MaraAlexeev)
👤 [MaraAlexeev](https://github.com/MaraAlexeev)
🔗 maraalexeev.com
in [maraalexeev](https://www.linkedin.com/company/maraalexeev)

LANGUAGE SKILLS



CREDITS

Made with the R packages [pagedown](#) and [datadrivencv](#).

Last updated on 2021-12-02.

2015
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2012



Pediatrics Internship and Residency

Kaiser Oakland Medical Center

📍 Oakland, CA

- Diagnosed measles and alerted CDPH for first identified case in 2015 outbreak



EDUCATION

Current
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2020



Master of Biomedical Informatics²

Harvard Medical School

NLM Biomedical Informatics Research and Data Science Fellow

📍 Boston, MA

2016
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2015



Masters of Public Health

Interdisciplinary

University of California, Berkeley

📍 Berkeley, CA

2012
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2008



MD

Teaching Distinction Track

University of Iowa

📍 Iowa City, IA

2008
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2004



BS in Biochemistry

Summa Cum Laude

Iowa State University

📍 Ames, IA

- Minors in Mathematics, German, and Russian Studies
- Attended on full ride scholarship as a National Merit Scholar



MEDICAL WORK EXPERIENCE

Current
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2020



Urgent Care Pediatrician

Children's Hospital Primary Care Clinic

📍 Boston, MA

- Provide in person and virtual visits for all ages of pediatric patients

2018
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2017



Field Physician for School District 22 in Brooklyn

NYC Department of Health and Mental Hygiene

📍 New York City, NY

2017
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2016



Outpatient Pediatrician

Hawaii Permanente Medical Group

📍 Wailuku, HI

- Successfully managed critical airway in outpatient setting
- Identified extremely rare hematological condition and managed case with multiple subspecialists in O'ahu
- Diagnosed Kawasaki Disease despite uncommon presentation without initial fevers

MEDICAL CREDENTIALS

● Medical Licenses

Massachusetts State Medical License since 2020
New York State Medical License since 2017
California State Medical License since 2014, *inactive*

● Certifications

Board Certification, American Board of Pediatrics since 2015

AWARDS AND HONORS

● Robert Stupka Memorial Scholarship³ 2007

Iowa State University
Department of Biochemistry, Biophysics, and Molecular Biology
For leadership and research excellence

 Ames, IA

● Gold Humanism Honor Society⁴ 2012

University of Iowa Carver College of Medicine

 Iowa City, IA

ABOUT ME

● Personal Tidbits

Enjoy cooking — ask me about my SQL recipe database
Voracious reader
Devoted letter and postcard writer
Journaled nearly every day since 2012

● Fun Facts

Amazing SET player
[Over 4 year streak on Duolingo](#)
Grew up on a working farm
Traveled to 47 US states; missing AK, MI, WV
Met my future husband at Canada/USA Mathcamp
Favorite gift ever — an electric drill

LINKS

- 1: <https://r-medicine.org/>
- 2: <https://dbmi.hms.harvard.edu/people/mara-alexeev>
- 3: <https://stupka.bb.iastate.edu/stupka-scholars/>
- 4: <https://medicine.uiowa.edu/md/supporting-students/gold-humanism-honor-society/class-2012-inductees>