

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

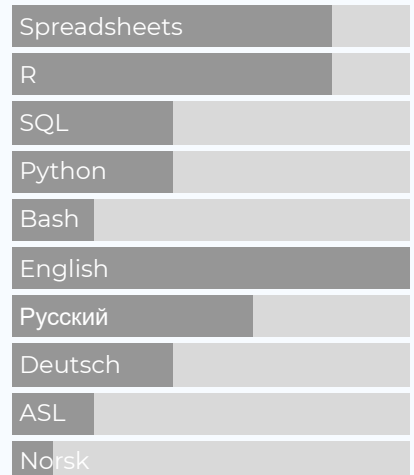


View this CV online with links at maraalexeev.github.io/cv/

CONTACT

✉ mara.alexeev@gmail.com
🐦 [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
|
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>