

MARA ALEXEEV, MD, MPH, MBI



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 Conference¹**
Organizing Committee 2020, 2021



GRADUATE MEDICAL EDUCATION

2022
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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 clinics 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.
- **Pediatric Chief Resident**
Memorial Sloan Kettering Cancer Center 📍 New York City, NY

2020
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2019

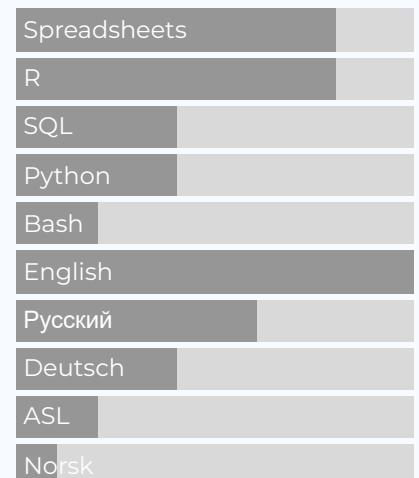


View this CV online with links at maraalexeev.github.io/cv/

CONTACT

- ✉ mara.alexeev@gmail.com
- 🐦 MaraAlexeev
- 👤 MaraAlexeev
- 🔗 maraalexeev.com
- linkedin maraalexeev

LANGUAGE SKILLS



CREDITS

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

Last updated on 2023-03-04.

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

2022
|
2020

- **Master of Biomedical Informatics²**
Harvard Medical School
NLM Biomedical Informatics Research and Data Science Fellow 📍 Boston, MA
- **Masters of Public Health**
Interdisciplinary
University of California, Berkeley 📍 Berkeley, CA
- **MD**
Teaching Distinction Track
University of Iowa 📍 Iowa City, IA
- **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

/doct MEDICAL WORK EXPERIENCE

2022
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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
- **Field Physician for School District 22 in Brooklyn**
NYC Department of Health and Mental Hygiene 📍 New York City, NY
- **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
Journalized 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>