

# MARA ALEXEEV, MD, MPH, MBI



## RELEVANT SKILLS

- **Currently Learning and Doing**

Director of Clinical Informatics at Dandelion Health

- **Terminologies and Ontologies**

ICD-10, LOINC, SNOMED CT, CPT Codes, HierArchical Presenting Problem ontologY, Human Phenotype Ontology

- **Public Health**

Impact Evaluation, Media Advocacy, Biostatistics, Health Policy, Public Health Journalism

- **R Packages**

tidyverse — especially *ggplot2*, rmarkdown, bookdown, shiny, tidytext

- **Databases and Data**

Cerner and Allscripts Data Models, DICOM, Snowflake

- **R/Medicine Conference<sup>1</sup>**

Organizing Committee 2020, 2021



## GRADUATE MEDICAL EDUCATION

2022  
|  
2020

- **Clinical Informatics Fellow**

Boston Children's Hospital

📍 Boston, MA

- Consulted for Division of Developmental Medicine to create clinical-care-to-research data pipeline that pulled directly from free text notes generated at point of care
- Updated newborn history data collection system and developed reusable data elements for clinical use as well as future research use
- Explored and advised on applications of NLP with Business Intelligence group
- Helped create BCRP Residency Handbook using R {bookdown} package
- Conducted workflow analysis of complex transfer process of ICU patients
- Implemented optimization project of Cerner's Launchpoint within Primary Care Clinic to improve patient flow, staff communication, and rapid order entry

2020  
|  
2019

- **Pediatric Chief Resident**

Memorial Sloan Kettering Cancer Center

📍 New York City, NY



View this CV online with links at [maraalexeev.github.io/cv/](https://maraalexeev.github.io/cv/)

## CONTACT

✉ mara.alexeev@gmail.com

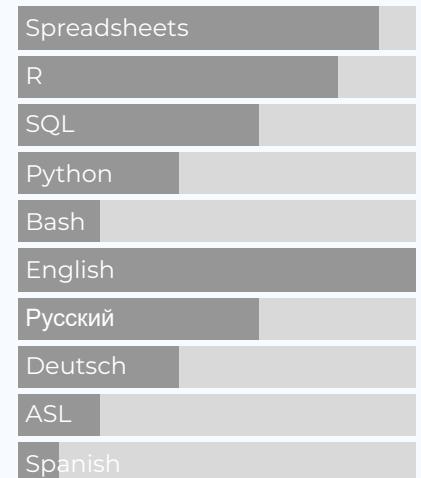
🐦 MaraAlexeev

Ⓜ️ MaraAlexeev

🔗 maraalexeev.com

linkedin maraalexeev

## LANGUAGE SKILLS



## CREDITS

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

Last updated on 2023-06-19.

2015  
|  
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 Informatics<sup>2</sup>**  
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  
|  
2020

- **Urgent Care Pediatrician**  
Children's Hospital Primary Care Clinic 📍 Boston, MA
  - Provided in person and virtual visits for pediatric patients of all ages
- **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 Scholarship<sup>3</sup> 2007**

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

 Ames, IA

- **Gold Humanism Honor Society<sup>4</sup> 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 6 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>