



# GAYANE MARGARYAN BS/MD

(917) 725-2064 [umlsindex@gmail.com](mailto:umlsindex@gmail.com), [gayane@doctor.am](mailto:gayane@doctor.am) | [www.doctor.am](http://www.doctor.am)

## Skills

- Medicine. Clinical data analysis and health reports. Electronic medical records, SNOMED CT
- Data Analysis & Visualization. MySQL, Java Scripts, Excel, Tableau, Python, R, Power Pivot, PowerBI
- Web Development with HTML5/CSS3 and PHP, MySQL, Postgresql, JS, JQuery, Graphic design.
- Document Review. Relativity e-Discovery...

## Experience

### WORK EXPERIENCE IN USA | 2016-PRESENT

**2023 – present. Walman Optical.** AR Technician

**2020 - 2023. Amazon.** FC Associate. Shopping team member in WFM, Data Analyst.

**2018 - 2020. "EPIQ eDiscovery Solutions".** Document Reviewer, Data Breach Analyst.

Working with Relativity e-Discovery Software and MS Excel.

**2016 - 2019. "Transparency International Anti-Corruption Center."** <http://elections.transparency.am>

MySQL Database Administrator. Full Stack Web developer. Installation of VPS & MySQL Server

Data Visualization: Election monitoring representation through use of common graphics, such as charts, plots, infographics, and animations on websites of parliamentary elections 2017 and 2018

**2016 - 2022. Self employed**

- [www.electionscount.info](http://www.electionscount.info) Analytical team member. Electronic monitoring of elections. Full stack web developer. MySQL DB Administrator
- [www.doctor.am](http://www.doctor.am) Owner. Website Administrator, Full Stack web developer.
- Health Outcome Assessment. Data Entry.
- Range of motion. Diagnostic tests. Reports.

### WORK EXPERIENCE IN ARMENIA

**2012 – 2016. "Transparency International Anti-Corruption Center."** <http://elections.transparency.am>

Analytical team member. MySQL DBA. Full Stack Web developer. Data Visualization Analyst...

1. Electronic monitoring of parliamentary elections 2012
2. Electronic Monitoring of 2013 Presidential Elections in Armenia
3. The elections of the city council of Yerevan (2013)
4. Referendum in Armenia 2015

**2005 – 2007. Self employed**

- Web Development. Health Information Management.

Award «Mashtots 2005» of the nomination of e-health for [www.doctor.am](http://www.doctor.am).

- **Medical Library of Armenia.**
- **«Armat» LTD and "Neurohereditary Diseases" Charity Association**
- Books printing, producing, e-book preparation, online publishing elections.medindex.am

**2003 – 2005. "Web Soft Technologies LLC".** Web Developer.

**1999 – 2003. "Interline LLC".** Director. **"Phonet LLC".** Developer. Database Administrator.

## Education

**1987 - 1993.** Yerevan State Medical University (YSMU).  
Diploma. MD. US Equivalent: Combined Bachelor of science / Doctor of Medicine.

**1993 - 1999.** Postgraduate training. Clinical experience.  
Internship 1993-1994. *General Practitioner*.  
Residency 1996-1999. *Combustiology*.

## Online courses. Certificates

2023. Mandatory Controlled Unclassified Information (CUI) Training.

2020 - 2022. Clinical Data Science Specialization by University of Colorado.

6 Courses <https://www.coursera.org/account/accomplishments/specialization/certificate/Q6D25MAT8RCC>

1. Introduction to Clinical Data Science
2. Clinical Data Models and Data Quality Assessments
3. Identifying Patient Populations
4. Clinical Natural Language Processing
5. Predictive Modeling and Transforming Clinical Practice
6. Advanced Clinical Data Science

Excel Skills for Data Analytics and Visualization by Macquarie University.

3 Courses <https://www.coursera.org/account/accomplishments/specialization/certificate/LFKKAECYR56T>

1. Excel Fundamentals for Data Analysis
2. Data Visualization in Excel
3. Excel Power Tools for Data Analysis

2020. Privacy Law and Data Protection

<https://www.coursera.org/account/accomplishments/certificate/GA632WADD63Z>

2018. Design and Analyze Secure Networked Systems by University of Colorado System

2015-2018. SNOMED CT

- [SNOMED CT Implementation Course](#)
- SNOMED CT Content Development Theory Course.
- SNOMED CT Foundation Course

2017. Applied Plotting, Charting in Python by University of Michigan.

<https://www.coursera.org/account/accomplishments/certificate/ME23UHAH9DG6>

2017. NIAID GCP.

NIAID GCP 2017 v1.1\_Module 1 History of Human Subjects  
NIAID GCP 2017 v1.1\_Module 2 Regulatory Framework  
NIAID GCP 2017 v1.1\_Module 3 Planning Human Subject Research  
NIAID GCP 2017 v1.1\_Module 4 Conducting Human Subject Research

## LANGUAGES

English, Russian, Armenian