



## GAYANE MARGARYAN

Yerevan State Medical University. **Doctor of Medicine.**

U.S. equivalent: Combined B.S./M.D. (credential evaluation) FMG (Foreign Medical Graduate),

Board Certified General Practitioner (Armenia). Board Certified Burn Specialist (Armenia).

Board Certified Pharmacy Technician (USA). NY State Licensed Registered Pharmacy Technician

Skills: Medicine. Clinical data analysis and health reports. Pharmacy Technician. Electronic medical records, SNOMED CT. Data Visualization. HTML, CSS, MySQL, Java Scripts, Excel, Tableau, Python, R, Power Pivot. Web Development with HTML5/CSS3 and PHP, MySQL, Postgresql, JS, JQuery, Graphic design.

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**Languages** English, Russian, Armenian

## Professional Experience

**Present | Self-Employed** — Website Administrator / Developer

**4/2023 – 7/2024 | Walman Optical** — Anti-Reflection Optical Lab Technician. Inspected lenses for defects, scratches, chips, and surface imperfections; processed lenses through multi-step chemical cleaning and ultrasonic cleaning; applied hard coatings, performed solution dipping and curing, and completed quality control checks.

**12/2020 – 3/2023 | Amazon** — FC Associate. Performed item scanning, data entry, label printing, and Excel-based task support in a high-volume fulfillment environment.

**2018–2023 | Short-term contracts with medical offices**

- ✚ Health outcomes assessment and data entry.

- ✚ Range-of-motion assessments, diagnostic testing, and report preparation.

**6/2018 – 1/2021 | EPIQ eDiscovery Solutions** — Document Reviewer / Data Breach Analyst

Worked with Relativity eDiscovery software to search, filter, review, tag, and code documents using multiple search strategies. Assigned labels and metadata based on document relevance and content, and used Microsoft Excel to organize, manage, and maintain data sets and spreadsheets.

**2012 – 2019 | Transparency International Anti-Corruption Center** — MySQL Database Administrator / Full-Stack Web Developer / Data Visualization Specialist

MySQL Database Administrator. Full Stack Web developer. Data Visualization Specialist

Developed websites that effectively presented election-monitoring visualizations.

Managed large, complex datasets related to election results and monitoring activities.

Designed, implemented, managed, and maintained MySQL databases, including writing and optimizing SQL queries.

Monitored database performance and implemented backup and recovery strategies.

**2007 – 2012**

- Administered an online pharmacy platform, including drug databases, user registration, communication, messaging, and customer support.
- Contributed to UMLS (NLM/NIH) initiatives and prepared learning materials for medical websites.
- Participated in the development of election-monitoring software and book publishing projects.
- Managed advertising placement across multiple websites using Google AdSense and focused on revenue optimization as a freelancer.

**2005 – 2007** — Short-term contracts in web development and health information management.

- **Family Medicine Association.**

- **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** — Executive Manager

**1999 – 2003 | Phonet LLC** — Developer / Database Administrator

## Self-Employed Projects

**2000 – 2026** | [www.medindex.am](http://www.medindex.am), [www.museum.am](http://www.museum.am), [www.doctor.am](http://www.doctor.am) — Owner / Author / Editor  
Website Administrator and Full-Stack Web Developer.

An earlier version of [www.doctor.am](http://www.doctor.am) received first place in the “Mashtots 2005” award for Armenian e-health projects. In the field of e-health, [www.doctor.am](http://www.doctor.am) ranked among the top ten participants worldwide in the 2005 International e-Content Competition in the Kingdom of Bahrain, launched as part of the United Nations World Summit on the Information Society.

**2013 – 2026** | [www.electionscout.info](http://www.electionscout.info) — Full-Stack Web Developer / MySQL Database Administrator  
Electronic monitoring of elections and referendums. Author: Lyudvig Khachatryan.

## Education

**1987 – 1993** — Yerevan State Medical University (YSMU)  
Doctor of Medicine (M.D.); U.S. equivalency: combined Bachelor of Science / Doctor of Medicine.

**1993 – 1999** — Postgraduate training and clinical experience  
Internship, 1993–1994 — *General Practitioner*  
Residency, 1996–1999 — *Combustiology*

## Online Courses, Skills, and Certifications

**2025** — PTCB Certified Pharmacy Technician (CPhT)

**2024** — Medical Billing and Coding Essentials <https://coursera.org/verify/HCUFJPR64HBD>

Bookkeeping Basics <https://coursera.org/verify/R2LHA2S6S4YA>

Summary Statistics in Public Health <https://coursera.org/verify/M3DTWUVUWWRP>

**2023** — Mandatory Controlled Unclassified Information (CUI) Training

**2020 – 2022** — Clinical Data Science Specialization, 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, 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, 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 & Data Representation in Python, University of Michigan  
<https://www.coursera.org/account/accomplishments/certificate/ME23UHAH9DG6>

**2017** — NIAID Good Clinical Practices and Human Subjects Protections

NIAID GCP 2017 Module 1 History of Human Subjects      Module 2 Regulatory Framework  
Module 3 Planning Human Subject Research      Module 4 Conducting Human Subject Research