GAYANE MARGARYAN

Yerevan State Medical University. **Doctor of Medicine**
USA 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
Languages **English, Russian, Armenian**

Experience

2000 - Present job. Website Administrator / Developer / Data Analyst / Medical Writer. Developed and authored the award-winning e-health website **www.doctor.am**, which is updated annually with databases including ICD-10, CPT, SNOMED CT, RxNorm, medications, multilingual medical terminology, and medical billing and coding systems. Designed and developed **www.museum.am**, **www.medindex.am**, and **www.e-course.us**. Served as a developer, database administrator and member of the election analytics team for **www.electionscount.info**. Developed content and managed the publishing cycle for approximately 10 medical e-books, including literature reviews. Created charts and tables to visualize complex medical data and integrated them into e-book layouts. Produced educational crosswords, videos, songs, and other multimedia content.

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

12/2020 – 3/2023 | Amazon — Data Analytics FC Associate. Excel Functions Review. Excel dashboards, data entry,

9/2017– 9/2021 | Medical offices — Health Outcome Assessment. Electronic Medical Records.

- Measure the range of motion (ROM) of joints, Muscle Tests, Functional Capacity Assessment.
- Use instruments such as digital inclinometers, dynamometers to obtain accurate measurements.
- Follow standardized assessment protocols to ensure consistent and reliable results.
- Record measurements accurately in electronic data capture (EDC) systems.
- Conduct Health Outcome Assessments (HOAs) according to study protocols and regulatory requirements.
- Collaborate with physicians, physical therapists, nurses, and clinical research staff.
- Report any unusual findings or protocol deviations

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, 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
- 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.

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, www.museum.am, www.doctor.am — Owner / Author / Editor
Website Administrator and Full-Stack Web Developer.
An earlier version of 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 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.electionscount.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