



# GAYANE MARGARYAN, MD

Bachelor of Science/Doctor of Medicine

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## WORK HISTORY

**2000-2015 in Yerevan (Armenia),**

**2016-2020 in New York (USA)**

**2018-2020** Name of Company: "EPIQ eDiscovery Solutions". Job: Document Reviewer. Data Breach Analyst.

Name of Company: Self-employed. Job: Outcome Assessment. Range of motion. Website Administration.

- Web Server Administrator, Full Stack Web Developer, MySQL DBA, Installation and administration of MySQL Community Server and MariaDB on local computers and on VPS for
- Development of [www.doctor.am](http://www.doctor.am) and [www.electionscout.info](http://www.electionscout.info) [www.medindex.am](http://www.medindex.am) and other

**03/2012-02/2019** Name of Company: Transparency International Anti-Corruption Center.

Job: Developing several websites and databases for Referendums, Parliamentary and Presidential Elections in Armenia

<http://elections.transparency.am/> MySQL Database Administrator. Full Stack Web developer.

- Configuring and installing multiple separate LAMP and WAMP servers - Ubuntu/Windows, Apache, PHP, MySQL. Software updates and upgrades. Database creation/import/export/backup/restore/...
- Data Visualization, representation in static and animated tables, lines, columns, pie charts with Java Scripts and Tableau Vizess...
- Developing websites with HTML, CSS, PHP, MySQL, JS, JSON, page templates, navigation, galleries, diagrams, statistics.

**2005-2007** Contractual work with Medical Library of Armenia. «Armat» LTD and "Neurohereditary Diseases" Charity Association (Armenia). Internet catalog .

**2003-2005** LTD "Web Soft Technologies." Web designer. Web Programmer. Website Administrator.

**2000-2003** Director in the Interline LTD. Developer in the Phonet LTD.

## EDUCATION. Diploma. Certificates.

**1987-1993** Yerevan State Medical Institute after M. Geraci (YSMU). Diploma. Medical Doctor.

Diploma evaluated by Globe Language Services. US Equivalent: Combined Bachelor of science / Doctor of Medicine.

**1993-1994** Internship. Certificate of General Practitioner Doctor. Educational Scientific Medical Complex «Armenia».

**1996-1999** Combustiology Residency in the National Institute of Health of Armenia.

Physician in the Republican Scientific Center of Radiation Medicine and Burns.

### 2000-2020 SKILLS:

*Data Analysis & Visualization. Data Management; Python, R, MySQL, Excel, Tableau, Clinical Data Models, ETL, code mappings*

*Web Development: HTML5, CSS3, JavaScript, PHP, MySQL, JQuery, JSON, XML,*

*Document Management: Relativity e-Discovery*

*Electronic Medical Records: JtechMedical Tracker, OpenEMR. PracticeFusion, REDCap, SnowOwl,*

*UMLS Metathesaurus, Med.Terminology mapping, SNOMED CT implementation & Content Development,*

*Graphic design: Ulead Photoimpact. GIMP, Adobe Photoshop & Flash, Adobe Premier, Kdenlive.*

### Online courses.

2020 Identifying Patient Populations <https://www.coursera.org/account/accomplishments/certificate/F63DRMUJS7BR>

2020 Clinical Natural Language Processing <https://www.coursera.org/account/accomplishments/certificate/LNGYMR7WR35W>

2020 Clinical Data Models and Data Quality Assessments <https://www.coursera.org/account/accomplishments/certificate/8QJ5AGLJWWBK>

2020 Introduction to Clinical Data Science by University of Colorado System <https://www.coursera.org/account/accomplishments/certificate/RE9R9L7TRTRN>

2020 Privacy Law and Data Protection <https://www.coursera.org/account/accomplishments/certificate/GA632WADD63Z>

2019. Good Clinical Practice (GCP) by National Institute of Allergy and Infectious Diseases

2019. ECG Mastery. 1-3 levels. Hematology and Coagulation Essentials

2018. Jtech Medical Functional Testing, Evaluation and Assessment

2018. SNOMED CT Content Development Theory Course. ID: 0e170250-31fa-11e8-a0b1-3b6b1da3eba4

<https://elearning.ihtsdotools.org/mod/simplecertificate/verify.php>

2018. Design and Analyze Secure Network. by University of Colorado System. <https://www.coursera.org/account/accomplishments/certificate/TB8TRY983B6X>

2018. Secure Network with Firewall and IDS by University of Colorado System. <https://www.coursera.org/account/accomplishments/certificate/J5HYUQDKFAJS>

2017. Clinical Terminology for International and U.S. Students by University of Pittsburgh. <https://www.coursera.org/account/accomplishments/certificate/LL8PKPLQG7PB7>

2017. Data Management for Clinical Research by Vanderbilt University. <https://www.coursera.org/account/accomplishments/certificate/LBL9JPB2Y4D9>

2017. Introduction to Data Science in Python by University of Michigan. <https://www.coursera.org/account/accomplishments/certificate/8SLSTVM9BD2N>

2017. Applied Plotting, Charting in Python by University of Michigan. <https://www.coursera.org/account/accomplishments/certificate/ME23UHAH9DGG6>

2017. HI-FIVE: Health Informatics For Innovation, Value & Enrichment by Columbia University. <https://www.coursera.org/account/accomplishments/certificate/YRQ8NU92BZZE>

2017. SNOMED CT Implementation. Certificate ID: 971eae90-1cfa-11e7-b441-a5f7158dbe56 <https://elearning.ihtsdotools.org/mod/simplecertificate/verify.php>

2015. SNOMED CT Foundation Course. Certificate ID: c18c6ca0-a334-11e5-9a3e-8992e55fdb8

## Affiliation / Professional Membership

2008. UMLS National Library of Medicine of USA.

## Awards

2005. Award of the nomination of e-health "MASHTOTS 1600". [www.doctor.am](http://www.doctor.am) represented Armenia at the Word Summit Award (WSA) in 2005 and was selected in Top 10 of e-health.

International Research Foundation for Development (IRFD) mentioned this on the archive page:

[https://web.archive.org/web/20180813104746/http://www.irfd.org/events/wf2005/bios/margaryan\\_gayane.htm](https://web.archive.org/web/20180813104746/http://www.irfd.org/events/wf2005/bios/margaryan_gayane.htm)