



# GAYANE MARGARYAN

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**Job titles:** Website Administrator. Web Developer. MySQL Developer. Data Analyst. Clinical Data Manager. Health Data Analyst. Medical Content Administrator. MySQL DBA. SNOMED CT Implementation Specialist. Webmaster. Hosting Administrator. LAMP Developer.

## PROFESSIONAL SKILL / QUALIFICATIONS

- **Operating System Administration:** Windows, Ubuntu, Android. Installations of different programs.
- **Web Hosting Administration:** Apache, WHM, CPanel, FTP managers, SSH, Terminal, PuTTY, PHPMyAdmin, MySQL Control Center, MySQL Workbench, Cloudflare.
- **Web Development:** HTML5, CSS3, JavaScript, PHP, MySQL  
PHPjppgraph, PHPExcel, JQuery, JQ Mobile, Bootstrap JS, JQ dataTables, amCharts JS, JSON, XML, OWL, WML, MathML, SWF, SVG, Microformats2, OGP, Microdata, RDFa, JSON-LD, .. Google Cloud Console, Cloud SQL, Google Webmasters, Google Maps, Google Adsense/ Adwords/ Analytics /Website/Docs/Calendars/Books. Facebook Social Plugins, Mailing Lists. Ebay and Affiliate programs.
- **Data Analysis & Visualization:** Tables, lines, columns, pie charts, image galleries, image maps with Python, PHP and MySQL, Excel, JavaScript. Tableau, Electronic elections monitoring program.
- WordPress Development.
- **Electronic Medical Records** administration and development. OpenEMR. REDCap.
- Unified Medical Language System. **Medical Terminology** mapping, **SNOMED CT implementation** (SNOMED CT Browser, SnowOWL, Description logic. Protege. DL reasoner FACT++. B2i Healthcare).
- **Educational LMS.** SCORM. Tests, crosswords, puzzles design.
- **Graphic design:** Ulead Photoimpact. Adobe Photoshop & Flash, Adobe Premier.
- Search Engines Optimization. Google. Yahoo. Yandex. Web Metrics. Web Analytics.
- Written translation of **medical texts** from English to Russian.

## WORK EXPERIENCE

### 2003-2017

<http://www.doctor.am>, <http://www.medindex.am>, <http://www.museum.am>, <http://www.medical-language-international.com>, <http://electionscount.info> <http://www.healthmatics.info>, <http://healthmatics.org...>

Responsibilities include: Website Administration. Web Development, MySQL Development, MySQL DBA

### 2012-2017

Transparency International Anti-Corruption Center. <http://elections.transparency.am>

MySQL Database Administrator. LAMP developer.

Responsibilities include: Hosting and database administration. Website development, design.

- Installation of computer's hardware, software.
- Developing of page templates, galleries, diagrams, charts, graphics, Web site maps and other visual representations of information, that meet project goals, user needs, industry standards.
- Developing of databases to store electronic data that support 5 electronic monitoring web sites 2012-2017.

### 2007-2012

Google Inc. 1600 Amphitheatre Parkway, Mountain View, CA 94043, USA.

Web Publisher.

### 2005-2007

“Armat” LTD and “Neurohereditary Diseases” Charity Association (Armenia).

Web designer. Web Programmer. Internet catalog of health professionals.

## 2003-2005

Owner of websites. Author and manager of web projects. Award of the nomination of e-health. www.doctor.am LTD "Web Soft Technologies." Web designer. Web Programmer. Website Administrator.

## 1999-2003

LTD "Phonet". Web designer. Web Programmer. Website Administrator.

LTD "Interline". Director.

## 1996-1999

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

Residency in the National Institute of Health of Armenia.

- Processing of clinical data, including data entry, verification and analysis. Discussing with other surgeons the nature of the surgical procedures, including operative consent, diagnostic, laboratory data...Recording of surgical procedures.
- Examination and treatment of patients, providing assistance to surgeons in the departments of the General surgery, Plastic and Reconstructive surgery.
- Burn surgery.

## EDUCATION

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

Master's Degree. Diploma. (Диплом ЦВ 800516) 9087+ hours

## CERTIFICATION / LICENSES / AWARDS

2017. Clinical Terminology for International and U.S. Students by University of Pittsburgh LL8PKPLQGPB7

2017. Data Management for Clinical Research by Vanderbilt University. Certificate LBL9JPB2Y4D9

2017. Introduction to Data Science in Python by University of Michigan. Certificate 8SLSTVM9BD2N

Applied Plotting, Charting & Data Representation in Python. Certificate ME23UHAH9DG6

2017. HI-FIVE: Health Informatics For Innovation, Value & Enrichment by Columbia University

2017. SNOMED CT Implementation Course. Certificate ID: 971eae90-1cfa-11e7-b441-a5f7158dbe56

2015. SNOMED CT Foundation Course. Certificate ID: c18c6ca0-a334-11e5-9a3e-8992e55fdb85

2011. International English Language Testing System (IELTS). Overall Band Score 5.0

2008. UMLS National Library of Medicine of USA affiliate license.

2008. LOINC Development Team. Regenstrief and IHTSDO. Affiliate.

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

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

1996-1999. Certificate of Combustionist. Residency in the National Institute of Health of RA.

1993-1994. General Practitioner Doctor. MC "Armenia." Certificate Number V-27

## Online skills preview

- <https://www.coursera.org/account/accomplishments/certificate/LBL9JPB2Y4D9>
- <https://www.coursera.org/account/accomplishments/certificate/8SLSTVM9BD2N>
- <https://www.coursera.org/account/accomplishments/certificate/ME23UHAH9DG6>
- <https://elearning.ihtsdotools.org/mod/simplecertificate/verify.php>
- <https://www.datacamp.com/statement-of-accomplishment/course/5ad6b7283b375596c60ab2777a51b99ab594fdb3>
- <https://www.coursera.org/account/accomplishments/certificate/YRQ8NU92BZZE>
- <https://www.coursera.org/account/accomplishments/certificate/LL8PKPLQGPB7>

## LANGUAGES

- English intermediate (IELTS 5 from 9).
- Russian excellent, fluent
- Armenian fluent