



GAYANE MARGARYAN

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PROFESSIONAL SKILL / QUALIFICATIONS

Website Administrator. Web Developer. MySQL Developer. Data Analyst.

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

SKILLS (Intro / Intermediate / Expert)

- Installations/Administration: Windows, Ubuntu, Apache, different programs. MS Office, Libre Office. Excel
- Level 1 or 2 Hosting Administration: WHM, CPANEL, FTP managers, SSH, Terminal, PuTTY, PHPMyAdmin, MySQL Control Center, MySQL Workbench, Cloudflare.
- Development of desktop and mobile versions of websites. **HTML5, CSS3, JavaScript, PHP, MySQL** PHPjgraph, 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. Python. **Data Visualization.** Tables, lines, columns, pie charts, image galleries, image maps
- Graphic design: Ulead PhotoImpact. Adobe Photoshop & Flash, Adobe Premier.
- Content Management Systems administration. 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.).
- Electronic elections monitoring program.
- Educational LMS. SCORM. Tests, crosswords, puzzles design.
- Search Engines Optimization. Google. Yahoo. Yandex. Web Metrics. Web Analytics.
- Written translation of medical texts from English to Russian.

At present time. Trainings.

- Applied Data Science. by University of Michigan
- Medical Technology and Evaluation by University of Minnesota
- Clinical Terminology for International and U.S. Students by University of Pittsburgh
- Business Metrics for Data-Driven Companies by Duke University
- Data Visualization and Communication with Tableau by Duke University
- Data Management for Clinical Research. by Vanderbilt University
- SNOMED CT Content Development by SNOMED International
- ESL (*English as a Second Language*)

WORK EXPERIENCE

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.

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

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

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.

Residency in the National Institute of Health of RA.

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

- Process clinical data, including receipt, entry, verification and filing of information.
- Read technical literature and participate in continuing education, professional associations to maintain awareness of current database technology and best practices.
- Examine and treat patients, provide assistance to surgeons, anesthesiologists in the operation room.
- Burn surgery. Record of surgical procedures. Discuss with other surgeons the nature of the surgical procedure, including operative consent, diagnostic or laboratory data, patient-advanced directives.

EDUCATION

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

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

World Ranking 8443 Country Rank 6 <http://www.webometrics.info/en/detalles/ysmu.am>

CERTIFICATION / LICENSES / AWARDS

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 Scroll 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

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

LANGUAGES

- English (IELTS 5 from 9).
- Russian
- Armenian reading, writing, listening and speaking (excellent).

Online skills preview

- <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>