

# Maria V. Melnichenko

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## EDUCATION

### 2012–2014 RUSSIAN-ARMENIAN (SLAVONIC) UNIVERSITY

**Degree:** Master of Science in Applied Mathematics and Informatics

**Relevant courses:** Construction and analysis of discrete optimization algorithms, Principles of Database Systems, Numerical methods and optimization, Game theory and Dynamic programming

### 2008–2012 RUSSIAN-ARMENIAN (SLAVONIC) UNIVERSITY

**Degree:** Bachelor of Science in Applied Mathematics and Informatics.

**Relevant courses:** Programming Fundamentals, Theory of Algorithms and Mathematical Logic, Object-Oriented Programming, Graph Theory and Application, Elements of Computer Architecture and Assembly Language, Data structures

**UNDERGRADUATE COURSEWORK:** Object-Oriented Programming, Graph Theory and its Application, Data structure

**GRADUATE COURSEWORK:** Construction and analysis of discrete optimization algorithms, Numerical methods and optimization, Game theory and Dynamic programming, Iterative Methods, Discrete Mathematics

## CERTIFICATES

Completed 80-hour training on C# level-2/Object Oriented Programming from Microsoft Innovation Center Armenia

Completed with excellence 80-hour training on Java: Full Knowledge from Business Development Group

Completed with excellence 80-hour training on Algorithm from CodeSchool

## EXPERIENCE

### **DIGITAIN LLC**— *Software Engineer*

Nov. 2019- Present

- ❖ Developed and implemented desktop applications using Microsoft technologies.
- ❖ Developed and maintained Rest based interfaces
- ❖ Worked closely with providers (Game providers) to ensure all requirements are satisfied.
- ❖ Collaborated with other developers and business analysts in designing and developing new applications and services.
  
- ❖ Led discussions on software architecture and design discussions.
  
- ❖ Developed and updated software requirements, documents and validation processes.
- ❖ Participated in knowledge sharing presentations and designed detailed functionality
- ❖ Prepared and maintained new application functionality for current products.
- ❖ Continually improve processes and solutions, seeking ways to use new tools, features, and capabilities
- ❖ Designed functions, stored procedures, views.
- ❖ Designed test plans, scenarios, scripts, and procedures.
  
- ❖ Experienced with Agile/scrum development processes and methodologies

### **Lite- Group/ LiteSoft LLC**— *Software Developer in Information Systems Automation Department*

Feb. 2016 – Nov. 2019

- ❖ Developed and maintained customer facing web applications using Microsoft technologies.
- ❖ Worked closely with customers (Insurance Companies) to ensure all requirements are satisfied.
- ❖ Collaborated with developers in designing and developing new software programs and applications.

## SKILLS

C#, JAVA, Basic Knowledge of C++ , .Net Framework, ASP.Net MVC, Web APIs, ADO. Net, WebForms, WinForm, RESTful web services, HTTP web services, SQL, T- SQL, LINQ, HTML, CSS, Javascript, jQuery, React, AJAX, DevExpress 16.2, Janus

### **Software & Technologies:**

Platforms: Microsoft Windows

Microsoft Visual Studio, IntelliJ IDEA, Microsoft SQL Server, TFS, Git, JIRA

- ❖ Led discussions on software architecture and design discussions.
- ❖ Analyzed and assess existing business systems and procedures for Insurance clients.
- ❖ Designed accounting reports, different types of calculators, which may be dynamically tuned for each product individually, print forms.
- ❖ Designed functions, stored procedures, views.
- ❖ Designed test plans, scenarios, scripts, and procedures.

## **LANGUAGES**

Armenian (native), Russian (native), English (well)

**INTERESTS:** Dancing, Hiking