



Ashot Abrahamyan, PhD

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Summary

International education expert and experienced Mathematics and Computer Science lecturer/teacher with a demonstrated history of working in the education management industry. Skilled in educational technology, adaptive learning, curriculum design, standardized test preparation and computing systems. Strong education professional with a Ph.D. focused on Computer and Information Systems Security/Information Assurance.

Professional Experience

Learning Engineer (remote), 06/2020 – present

Area9 Lyceum,

Galionsvej 37, 1437 København, Denmark

Main duties – Create impactful online learning content in STEM, curate and develop existing content, translate business needs into performance and learning outcomes, run projects using instructional design.

Adjunct Lecturer, 08/2021 – present

American University of Armenia,

40 Baghramyan ave., Yerevan, Armenia

Main duties – Lecturing Operations Research and Applied Statistics for Engineering courses to master's degree students, syllabus creation, assessment, project supervising.

Short Term Consultant, Educational Expert, Team Lead 11/2019 – present

The World Bank Armenia,

9 Grigor Lusavorich St., Yerevan, Armenia

Main duties – Manage the team of Math experts during development of the Mathematics curriculum (standards and syllabi), examination and generation of types of teaching methodologies, which can be selected at the discretion of the teacher of Mathematics during the teaching process, development of assessment methodology for Mathematics (algebra, geometry) learning outcomes.

International Education Expert, 12/2019 – 04/2020

Dispro Line LLC,

32 V. Papazyan st., Yerevan, Armenia

Main duties – Research on international education systems, analysis and suggestions for a newly formed school on implementation of international education systems.

Adjunct Lecturer, 01/2019 – 06/2019

American University of Armenia,

40 Baghramyan ave., Yerevan, Armenia

Main duties – Lecturing Simulation for Industrial Engineering Systems course lectures to master's degree students, syllabus creation, assessment, project supervising.

Academic Director, 07/2017 – 11/2019

British International School of Armenia,

67/1 Baghramyan ave., Yerevan, Armenia

Main duties – annual academic planning, allocation of teaching staff, planning of faculty meetings, coordinating communication with Pearson main contacts, development and implementation of faculty development programs, development and implementation of academic enhancement programs for students.

Head of Educational and Training Programs, GRE/GMAT/SAT Tutor, 06/2017 – 11/2019

Esolarm Testing and Training Center,

67/1 Baghramyan ave., Yerevan, Armenia

Main Duties – Management of training programs, recruitment and training of new tutors, development and implementation of new training programs and training program updates, standardized test tutoring.

Head of Technology Department, 04/2017-05/2018

“Shirakatsy Lyceum” International Scientific-Educational Complex,

35 Artem Mikoyan str., Yerevan, Armenia

Main duties – Setting and advancing the academic strategy of the department, recruitment of new teachers, organization of trainings for the teachers, allocation of teaching staff, annual purchase planning.

Head of ICT Center, 04/2017-05/2018

“Shirakatsy Lyceum” International Scientific-Educational Complex,

35 Artem Mikoyan str., Yerevan, Armenia

Main duties – Management of IT infrastructure of the school, annual purchase planning, IT resources distribution.

IB DP Mathematics and Computer Science Teacher, 09/2016-06/2018

“Shirakatsy Lyceum” International Scientific-Educational Complex,

35 Artem Mikoyan str., Yerevan, Armenia

Main duties – Preparation and organization of mathematics and computer science classes for IB DP students, creation and implementation of unit planners, course outlines and other academic documents, organization and participation in workshops and seminars.

System and Network Administrator, 11/2014-07/2015

Technology and Science Dynamics LLC,

27 Azatutyan ave., #603, Yerevan, Armenia

Main duties – installation and configuration system hardware and software, creation and management of user accounts, performing backup and recovery, installation and configuration of local area network, security assurance, system monitoring.

Lecturer – Information Security Fundamentals, 09/2014-12-2014

Russian-Armenian (Slavonic) University,

123 H.Emin str., Yerevan, Armenia

Main duties – lecturing Information Security Fundamentals discipline, creation of planners, outlines and other academic documents, assessment of students.

GRE/GMAT/SAT Tutor, Test Center Administrator, Systems Administrator, 05/2011-06/2017

Esolarm Testing and Training Center,

67/1 Baghramyan ave., Yerevan, Armenia

Main duties – Tutoring of standardized tests, such as GRE, GMAT and SAT, updating of study plans and teaching materials, delivering international test center exams, communicating with testing centers. installation and configuration system hardware and software, creation and management of user accounts, performing backup and recovery, installation and configuration of local area network, security assurance, system monitoring.

GRE/GMAT Tutor, 01/2011-05/2011

Soft&Safe LLC,

41 Abovyan str., Yerevan, Armenia

Main duties - Tutoring of standardized tests, such as GRE and GMAT, updating of study plans and teaching materials.

Lab Proctor, 01/2010-05/2010

American University of Armenia,

40 Baghramyan ave., Yerevan, Armenia

Main duties – Lab full functionality assurance, assistance to students with lab facilities using.

Internship

Department of Quality and Internal Control - Quality Unit, 09/2010-12/2010

Vivacell-MTS (K-Telecom CJSC),

4/1 Argishti str., Yerevan, Armenia

Main Duties – Mystery shopping, reporting, developing optimization models for queue analysis at service centers.

Training and Certification

Cambridge English: Advanced (CAE) C1, 08/2019

Cambridge Assessment: English

Cat. 2 IB Teacher (Computer Science), 11/2016

International Baccalaureate Organization

Cisco Certified Network Associate (CCNA), 09/2013

Cisco Certified Network Associate Training Course, 12/2012-04/2013

Certificates of Completion

Shirak Technologies

Network Fundamentals, Routing Protocols and Concepts, LAN switching and Wireless, Accessing the WAN

“Information Security Risk Assessment”, “Digital Forensics and Law”, “Incident Handling”, 11/2012

Certification of Achievement

OSCE, EREA

“Semiconductor Devices and Technology” and “Introduction to EDA”, 09/2007-03/2008

Certificate of Achievement

Synopsys Armenia CJSC

Honors

Educational Award of the President of the RA in IT Sphere. Best PhD Student (1st category), 10/2012

Education

Methods and Systems of Data Protection, Information Security (PhD in Computer Science), 06/2011-06/2014

Department of Applied Mathematics and Informatics, Sub department of Mathematical Cybernetics,

Russian-Armenian (Slavonic) University, Yerevan, Armenia

Industrial Engineering and Systems Management (Master’s Degree), 09/2009-08/2011

American University of Armenia, Yerevan, Armenia

Applied Mathematics and Informatics (Master’s Degree), 09/2009-06/2011

Russian-Armenian (Slavonic) University, Yerevan, Armenia

Applied Mathematics and Informatics (Bachelor’s Degree) (Diploma with Honor), 09/2009-06/2011

Russian-Armenian (Slavonic) University, Yerevan, Armenia

Additional Qualifications/Activities

Languages

Armenian – native

English – Full Professional Proficiency (CAE (C1) Certificate from Cambridge Assessment)

Russian – Full Professional Proficiency

IT-skills

Networking - Planning, setup, configuration of local and wide area networks, wireless networks, routing, switching, network security, network administration and management

Server Management - Windows Server (DNS, DHCP, AD), Linux Server (basic knowledge)

Optimization - LINDO\LINGO, MS Excel Solver

CAD\CAM - SolidWorks, SURFCAM, ProEngineer

DBMS - MS SQL Server, File Maker, MS Access

Other - Windows, MS Office, MATLAB, Wolfram Mathematica, SPSS

Soft Skills

Problem solving, communication, leadership, responsibility, teamwork, decisiveness, flexibility, negotiation.