

Narek Shamamyan

Instructional Designer

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PROFESSIONAL EXPERIENCE

WORKING STUDENT - INSTRUCTIONAL DESIGN AND CONTENT DEVELOPMENT | SAP

11/24 - Present

- Help design and develop eLearning content using **Articulate 360 (Rise and Storyline)**
- Create and edit instructional videos using **Synthesia** and **Camtasia**
- Work in an intercultural, cross-functional team of experts

MATH AND PROGRAMMING TUTOR | SELF-EMPLOYED

08/19 - 10/24

- Conducted Math, Scratch and JavaScript Programming lessons with elementary and middle school students
- Prepared learning content with GPTs, PowerPoint presentations and quizzes
- Developed 3 successful courses resulting in various achievements of over 50 students

RESEARCH ASSISTANT FOR INTELLIGENT TUTORING SYSTEMS | SAARLAND UNIVERSITY

[Portfolio](#)

02/23 - 12/23

- Conducted research on virtual pedagogical agents and intelligent tutoring systems in Saarland University, Germany
- Designed storyboards, low- and high-fi prototypes for a virtual pedagogical agent for middle school mathematics using Canva, Figma and Genially

TEACHING ASSISTANT FOR COMPUTATIONAL BIOLOGY | AMERICAN UNIVERSITY OF ARMENIA

<https://aua.am/>

08/21 - 01/22

- Conducted research on Computational Biology and Biostatistics
- Prepared homeworks, quizzes, exams and other class materials for senior college students
- Held weekly office hours to help students with their concerns and questions

MATH TUTORIAL VIDEOGRAPHER | AYB EDUCATIONAL FOUNDATION

<https://hy.khanacademy.org/>

01/17 - 06/19

- Translated (English to Armenian) over 500 math tutorial videos with topics from elementary school Math to Calculus 3 and Linear Algebra
- Recorded myself explaining math content and made the same videos in Armenian language
- Used Sketchbook and Camtasia softwares for tutorial creation and editing
- Worked in an international team of Math and Science educators

EDUCATION

Saarland University (UdS)	Saarbrücken, Germany
<i>M.Sc. in Educational Technology</i>	2022-2025
GPA: 1.00 (1.00 = Best, 6.00 = Worst)	
American University of Armenia (AUA)	Yerevan, Armenia
<i>B.Sc. in Computer Science</i>	2017-2021
GPA: 3.96/4.00	
American Bioinformatics Institute (ABI)	Yerevan, Armenia
<i>Research Student for 6 months</i>	2021
St. Norbert College (SNC)	De Pere, WI, USA
<i>Global UGRAD Exchange Student</i>	2019
GPA: 4.00/4.00	

PROJECT-BASED EXPERIENCE FROM M.Sc. IN EDUCATIONAL TECHNOLOGY

- [Portfolio](#)
- Iteratively designed and developed storyboards, low- and high-fi prototypes for a book-exchange app using **Figma**, **Canva** and **Miro** as part of a Human-Computer Interaction (**HCI**) class.
- Designed and developed an interactive course unit named “Writing a Cover Letter” for new graduates using **H5P**, **Adobe Illustrator**, **PowerPoint** and **Moodle** as part of an Instructional Design class
- Designed and developed a media-based training unit to foster self-regulated learning in a university context using **Articulate Storyline** as part of a Self-Regulated Learning class
- Designed and programmed a memory game using **Adobe Illustrator** and Godot as part of a Game Design and Programming class
- Designed and created a learning unit on Gamification using **Genially** as part of a Educational Technology Design Challenge class
- Designed, developed and evaluated a conversational agent that was deployed in a German organization’s employee onboarding process using **Miro** and **Microsoft Copilot** as part of a Conversational Agents class
- End-to-end design of a virtual peer agent for middle school students using **Figma** and **Canva** as part of my Master’s Thesis Project

LANGUAGES & CERTIFICATIONS

Languages

- English – Native or bilingual proficiency (C1-C2)
- Armenian – Native or bilingual proficiency (C1-C2)
- German – Limited working proficiency (B1)
- Russian - Limited working proficiency (B1)

Certifications

- 10 YouthPass Certificates from Erasmus+ Youth Exchanges and Training Courses
 - Certifications from courses in Articulate Storyline and Rise, Camtasia, Miro
 - DAAD Scholarship (2022-2025)
 - Global UGRAD Scholarship (2019)
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