

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 02/23 - 12/23

- Conducted research on virtual pedagogical agents (VPAs) and ITS in Saarland University, Germany
- Designed storyboards, low- and high-fi prototypes for a VPA using [Canva](#), [Figma](#) and [Genially](#)

TEACHING ASSISTANT FOR COMPUTATIONAL BIOLOGY | AUA 08/21 - 01/22

- Conducted research on [Computational Biology](#) and [Biostatistics](#) at the American University of Armenia
- Prepared homeworks, quizzes, exams and other class materials for senior college students

MATH TUTORIAL VIDEOGRAPHER | AYB EDUCATIONAL FOUNDATION 01/17 - 06/19

- Translated 500+ math tutorials with topics from elementary school Math to [Calculus 3](#) and [Linear Algebra](#)
- Recorded myself explaining math content and made the same videos in Armenian
- Used Sketchbook and [Camtasia](#) softwares for tutorial creation and editing



EDUCATION

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

TECHNICAL & PROFESSIONAL SKILLS

Portfolio

Skills from B.Sc. in Computer Science

Programming: **Python, JavaScript, Java**
Web Development: **HTML, CSS, JS**
Database Management: **SQL, Distributed Systems**
Statistics: **R, Probability Theory, Biostatistics**
Advanced Mathematics: **Linear Algebra, Discrete Math, Calculus, Real & Numerical Analysis**

Skills from M.Sc. in Educational Technology

Instructional Design and eLearning Development
Video Editing and Production: **Camtasia, Synthesia**
Authoring Tools & LMS: **Articulate 360, Moodle, H5P**
UX/UI for Learning: **Figma, Canva, Miro, Illustrator**
Virtual Pedagogical Agent Design & AI in Education
Human-Computer Interaction (HCI) Design

LANGUAGES & CERTIFICATIONS

Languages

English – Full Professional Proficiency (C1)
Armenian – Native (C1-C2)
German – Limited Working Proficiency (B1)
Russian – Limited Working Proficiency (B1)

Certifications/Scholarships

DAAD Scholarship (2022 – 25)
Global UGRAD Scholarship (2019)
AUA Academic Excellence Full Scholarship (2017 – 21)
10+ YouthPass Certificates from ERASMUS+

