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Filiz Mumcu

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Address: Manisa Celal Bayar Üniversitesi Eğitim Fakültesi Universite Cad. No: 60, 45900, Manisa, Turkey (Work)

WORK EXPERIENCE

21 OCT 2022 – CURRENT Manisa, Turkey

ASSOCIATE PROFESSOR MANISA CELAL BAYAR UNIVERSITY

Assoc. Prof. Dr. at Manisa Celal Bayar University, Faculty of Education, Department of Computer Education and Instructional Technologies

Filiz (Kuşkaya) Mumcu - Google Scholar
Filiz (Kuşkaya) Mumcu - YOK Page

1 SEP 2022 – CURRENT Linz, Austria

VISITING SCHOLAR JOHANNES KEPLER UNIVERSITÄT LINZ: JKU

Visiting scholar at Johannes Kepler University, School of Education, Deparment of STEM Education

1 SEP 2019 – 30 JUN 2021 Ankara, Turkey

VISITING SCHOLAR HACETTEPE UNIVERSITY

Visiting scholar at Hacettepe University, Distance Education Application and Research Center

4 MAY 2017 – 20 OCT 2022 Manisa, Turkey

ASSISTANT PROFESSOR MANISA CELAL BAYAR UNIVERSITY

Assist. Prof. Dr. at Manisa Celal Bayar University, Faculty of Education, Department of Computer Education and Instructional Technologies

12 MAY 2012 – 3 MAY 2017 Ankara, Turkey

EDUCATION PROGRAMME COORDINATOR THE GRAND NATIONAL ASSEMBLY OF TURKEY

Coordinator of the "Grand National Assembly of Turkey Online Learning System Project" in the Human Resources Department of the Grand National Assembly of Turkey, the training coordinator responsible for the preparation and execution of the e-learning studies and the in-service training plans of the Institution.

2 MAR 1998 – 11 MAY 2012 Ankara, Turkey

COMPUTER HARDWARE ENGINEERING TECHNICIAN THE GRAND NATIONAL ASSEMBLY OF TURKEY

Technical personnel in charge of the operation, maintenance, repair, research and development of the General Assembly Electronic Voting, Polling and Conference System in the IT Department of the Grand National Assembly of Turkey

EDUCATION AND TRAINING

6 FEB 2007 – 9 MAR 2011 Ankara, Turkey

DOCTORATE DEGREE Hacettepe University

Address Hacettepe Üniversitesi Eğitim Fakültesi Bilgisayar ve Öğretim Teknolojileri Eğitimi Bölümü Beytepe, Ankara, Turkey

Website https://ebit.hacettepe.edu.tr/eng/index.html

10 OCT 2001 – 29 JUN 2004 Ankara, Turkey

MASTER`S DEGREE Hacettepe University

Address Hacettepe Üniversitesi Eğitim Fakültesi Bilgisayar ve Öğretim Teknolojileri Eğitimi Bölümü Beytepe, Ankara, Turkey

Website https://ebit.hacettepe.edu.tr/eng/index.html

18 OCT 2021 – 16 JAN 2023 Ankara, Turkey

COMPUTER ENGINEERING Gazi University

Address Gazi Üniversitesi Mühendislik Fakültesi Eti Mh. Yükseliş Sk. No: 5, 06570 Maltepe , Ankara, Turkey

Website https://mf.gazi.edu.tr/

15 SEP 1997 – 25 JUN 2001 Ankara, Turkey

COMPUTER EDUCATION Gazi University

Address Gazi Üniversitesi Rektörlüğü, Emniyet mah, Bandırma Cad. No:6/1, Yenimahalle, Ankara, Turkey

Website https://gazi.edu.tr/

15 SEP 1993 – 30 JUN 1997 Ankara, Turkey

COMPUTER TECHNICIAN Atatürk Anatolian Vocational High School

Address Hacı Bayram Mh. Çankırı Cd. No 41 Altındağ , Ankara, Turkey | **Website** https://atamml.meb.k12.tr/

LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Information Processing (Collect, Analysis, Represent, Present and Share) Skills

Online Communication Platforms (Zoom, Skype, Google Meet etc) | Google Docs | SOCIAL MEDIA/SOCIAL NETWORK | Cloud Storage (Google Cloud Platform) | MS Office (MS Word, MS Excel, MS Outlook, MS PowerPoint, MS Access, MS OneNote, MS Visio, MS Teams)

Statistical Analysis Softwares

QDA software: Nvivo, AtlasTI | Research Software: Stata, MS Excel (VBA), MS Access, SAS, LISREL, SPSS, ArcGIS

Programming Languages

C++ | C# | PHP | Phyton

Learning Management Systems

Blackboard | Moodle | ELGG

Responsive Electronic Authoring Tools

Authoring tools: Articulate | Adobe Captivate Prime | Video editing Windows Movie Maker Camtasia Studio

Personal Skills

Effective Communicator | Organizational and planning skills | Team-work oriented

ADDITIONAL INFORMATION

HONOURS AND AWARDS

5 NOV 2021

International Postdoctoral Research Fellowship Program for Turkish Citizens – THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TÜRKİYE Assistant Prof. Filiz MUMCU is awarded a grant by The Scientific and Technological Research Council of Turkey (TUBITAK).

PUBLICATIONS

Google Scholar Profile – 2023

PROJECTS

15 MAR 2019 – 1 JUL 2022

We Integrate Information Technologies, Science and Mathematics Education with Innovative Methods I , II, and III This project aimed to bring together computer science teachers, mathematics, and science teachers and enable them to design courses that will involve their students in a learning and teaching process that will encourage them to solve real-world problems with an interdisciplinary approach. For this purpose, it was planned that teachers would participate in an educational program that includes practical activities supported by workshops where they could integrate these three disciplines with an interdisciplinary approach.
The project's target group was science, mathematics, and computer science teachers working in public secondary schools in Turkey. Activities such as computational thinking, project design, activity development and modeling, inquiry-based learning, course design, and product development were handled with an interdisciplinary approach in each of the workshops, and online interactions and applications, e-learning applications, computational science applications, collaborative group work, and micro-teaching methods were utilized. Teachers were asked to prepare integrated lesson plans per the 5E learning model to develop students' computational thinking skills. This project was funded by the Scientific and Technological Research Council of Turkey for three years in a row, and a total of 118 teachers were trained and 3 e-books consisting of interdisciplinary lesson plans were published.

Link http://interteacher.org/

15 MAR 2021 – CURRENT

Enhancing Digital Skills of Teachers with Using WEB 2.0 Tools to Increase the Quality of Primary and Secondary Education This project aims to guide primary and secondary teachers to learn the usage of digital tools for primary and secondary teachers. For this purpose we will develop; – A Curriculum (IO1) that will serve as a route for teachers to understand the steps they need to achieve in order to develop their skills on Web 2 tools. The curriculum provides teachers with the theoretical steps of Web 2.0 tools – Modules and Video Series (IO2) which will be useful for increasing teachers' skills of Web 2.0 tools – E-learning Platform (IO3) which will be provided with the appropriate equipment and help teachers – Digital Guide Tool (IO4) This project methodology will encourage the teachers for their professional development and follow their own progress by using an OER platform. During the development of the curriculum and modules desk studies and literature reviews, state of art analysis, workshop methods will be followed. Video series and e-learning platform will be developed through the technical support from the project partners. The training program, the pilot scheme, workshops, multiplier events will be the key activities in order to reach target groups, participants, and stakeholders. These activities will also help in the dissemination of the project. Teachers will acquire the competence of finding new educational approaches, methodologies, and materials as a result of our project.

Link https://web2edu.eu/project/

15 SEP 2017 – 9 NOV 2020

Determining Primary and Secondary School Students' Decision-Making Skills and Investigation of the Effect of Online Learning Environment Supporting Self-Regulation Processes on Decision-Making Skills This project has two main aims. The first aim is to adapt the Preadolescent Decision Making Competence Test (PA-DMC), developed by Weller, Levin, Rose and Bossard (2012) to identify the decision making skills of primary and secondary school students, into Turkish. The second aim is to develop an online learning environment consisting of activities based on self-regulatory strategies for developing decision making skills and to examine the effect of this environment on students' decision making skills, self-regulation skills and ICT ethics performance. For this purpose, the PA-DMC was adapted to Turkish, then the online learning environment was designed and developed, finally, a study was conducted to test the effectiveness of the learning environment. Theoretical foundations of this project are based on decision making and self-regulated learning literature. In the design process of the environment, learner analysis, content analysis and creating scenarios were followed. When the design of the environment has ended, its usability has been tested. The pilot study of the environment was performed, and then the real implementation process started. As a result of the research, there is a significant difference between the pretest and posttest scores of decision-making skills total scores, sub-dimensions of “applying decision rules” and “consistency in risk perceptions” in the experimental group. The pretest scores of the students for “applying decision rules” are higher, and posttest scores of “consistency in risk perceptions” and decision making skills’ are higher. In the control group, a significant difference was found in the sub-dimension of “consistency in risk perceptions” and the pretest score was higher. ICT ethics posttest scores and self-regulation scores of the students are higher than the pretest scores in the experimental group and there is a significant difference. However, when the pretest scores of the students are controlled, there is no significant difference between the achievement posttest scores, self-regulation scores and decision-making skills scores of the students in the experimental and control groups. The qualitative findings of the study indicate that the students liked the online learning environment and their satisfaction and motivation levels were high. However, since they have not experienced such a systematic decision making process before, it was observed that they had difficulties especially in the first stage. This project provides important contributions to support the development of preadolescent students' decision making skills. Keywords: Decision making skills, self-regulation, self-regulation strategies, online learning, instructional design