

Mutlu Şen

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Education

The University of Georgia – Athens, Georgia

- **Ph.D.** in Learning, Design and Technology , College of Education | Expected June 2017

Bogazici University – Istanbul, Turkey

- **M.A** in Primary Education, Institute for Graduate Studies in Social Sciences | Expected June 2013

Bogazici University – Istanbul, Turkey

- **B.S.** in Computer Education and Educational Technology, Faculty of Education | Graduated June 2010 | 4th Ranked & Honor Student

Research Interests

- Argumentation and Inquiry-Based Science Education in Technology – Enhanced Learning Environments
- Instructional Design Strategies for 21st Century Classrooms
- Computer Supported Collaborative Learning

Research Experience

Graduate Research Assistant, The University of Georgia, September 2013 – Present

- **'Inquiry in Action'** granted by USDA Forest Service | Under the Supervision of Dr. Kopcha and Dr. Deissler | Project Number: 13-CA-11132650-380,

Responsibilities; Literature Review | Developing Design Strategies and Content | Video Editing | Creating Teacher Guides for the Web Site and Use of Inquiry Strategies

Research Assistant, Bogazici University, September 2012 – June 2013

- **'Design, Development and Evaluation of a Customized Web-Based Portfolio System to Improve Pre-service Teachers' Reflective Skills'** granted by TUBITAK (The Scientific and Technological Research Council of Turkey) | Project Number: 111K523,

Responsibilities; Literature Review | Data Collection | Usability Testing of the System

Research Assistant, Bogazici University, October 2010 – January 2012

- **'Learning Science Through Argumentation Using Visually Enriched Multiple Representations'** granted by TUBITAK | Project Number: 109K566,

Responsibilities; Developing Scenarios and Design Specifications | Developing conceptual animations (using Adobe Flash CS5 & Action Script 3.0) | Implementation of the System in real classroom settings | Data Collection

Publication

Journal Publications

Sen, M. (August, 2012). What Do Primary Pre-Service Teachers Think about Technology Use in Classrooms: A Case Study of Two Primary Education Pre-Service Teachers. *Journal of Educational and Instructional Studies in the World*, 2(3), 97-104.

Conference Presentations

- “Leveraging Technology to Support Inquiry-Based Instruction: The Integration of Digital Content into a Science Education Journal”, International Conference on New Trends in Education and Their Implications (November, 2014 – Submitted for Roundtable presentation), Jacksonville, Florida.
- “What Do Primary Pre-Service Teachers Think about Technology Use in Classrooms: A Case Study of Two Primary Education Pre-Service Teachers”, International Conference on New Trends in Education and Their Implications (April, 2012), Antalya, Turkey.

Teaching Experience

Research & Teaching Assistant, Bogazici University, Faculty of Education, Department of Computer Education and Educational Technology (CET), December 2011- July 2013

- Working with the faculty members on academic and administrative basis
 - Management of the department and the faculty web-sites
 - Participation in research projects
 - Assisting lab sessions of courses

Assisted Courses

- CET 215 – Education and Technology | Analysis and critique of technology usage in education in light of current learning theories.
 - Managing students’ presentations about educational software examples and discussions in lab sessions.
- CET 224 – Visualization in Education | Design, development and evaluation of visual educational media. Interactive video development technologies and their applications.
 - Teaching use of Adobe Premiere Pro in lab sessions
 - Mentorship for the term projects of the course (development of an educational video)
- CET 360 – Instructional Technologies and Material Development | Employment of laboratories; audio-visual means, slides, graphs, films and printed materials; computer softwares including simulations, tutorials, drills, interactive learning environments, microworlds, intelligent systems and multimedia.
 - Teaching use of MS Office (Word, Excel, PowerPoint) and Adobe Dreamweaver CS5 in lab sessions.
 - Evaluating lab assignments
- CET 372 - Design and Development of Multimedia | Development of instructional multimedia using authoring languages. User navigation; packaging, publishing, and evaluating instructional multimedia
 - Assisting lab sessions for Adobe Flash CS5 and Action Script 3.0

- Mentorship for the term projects of the course (development of an educational software using Adobe Flash CS5)
 - Evaluating scenarios of the softwares and design specifications
 - CET 431 - Project Development and Management | Principles and processes of project management: project planning, budgeting, and monitoring; risk management, time and resource management
 - CET 441 - Principles of Distance Education | History of distance education; instructional environments using distance education; technologies used in distance education, techniques and methods used in planning, preparing and applying these technologies.
 - Mentorship for classroom discussions and developing Goal-Based-Scenarios
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Professional Experience

Infinity Technology, July 2010 – November 2011, Istanbul, Turkey

- Instructional Designer
 - Developing scenarios of educational softwares to meet corporate e-learning needs
 - Developing design specifications; screen design; use of image, audio, video, and speech
 - Evaluating instructional multimedia

Tutoring for K-8 students, September 2008 – June 2010

- Experience in tutoring math and science to 3 different students age 12 to 14
 - Preparing students for the High School Entrance Exam
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Projects

Bogazici University Open Courseware Project, 2010

- Searching and organizing course materials of different departments
- Please visit <http://ocw.boun.edu.tr/>

'Expansion Laboratory', Interactive Educational Software for 7th graders, 2009-2010

- Design, development and implementation of an educational software using Adobe Flash and Action Script 3.0

My friend Bruin and Flat Ball, Interactive Storybook, October 2009 – December 2009

- Development of an interactive storybook for 1st and 2nd graders using Adobe Flash and Action Script 3.0

'Momentum and Collisions', educational video development, 2008

- Design and development of an educational video on the subject of 'Momentum and Collisions' using Adobe Premiere Pro
- Please visit <http://www.youtube.com/watch?v=yPcaxHkpYQw>