Selcuk Kilinc *Posdoctoral Research Associate*

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✏️ PROFESSIONAL SUMMARY

Postdoctoral researcher at the intersection of artificial intelligence, educational technology, and learning sciences. I combine expertise in software engineering (MS) and science education (PhD) to design and evaluate AI-driven learning systems, IoT sensor networks, and adaptive tutoring environments that enhance student inquiry, computational thinking, and teacher professional development. My scholarship appears in high-impact venues including Computers & Education, Teaching and Teacher Education, and proceedings from AERA, ISLS, and ACM conferences, addressing critical issues such as ethical AI assessment, AI-TPACK development, and technology integration in diverse educational contexts. Beyond research, I lead multi-site implementations, develop competitive grant proposals, mentor educators and graduate students, and contribute to the field's advancement through peer review and professional development facilitation. My work translates cutting edge AI and educational technology research into practical, equitable solutions for K-12, teacher preparation, and higher education.

🎓 EDUCATION

Doctor of Philosophy / Science Education   Feb 2018 – Jul 2023 | Ankara, Turkey
Middle East Technical University
- **Dissertation:** Real-Time Air Quality Monitoring as A Catalyst for the Growth of Pre-Service Science Teachers in Citizen Science 🔗

Master of Science / Software Engineering   Sep 2020 – Jul 2022 | Ankara, Turkey
Middle East Technical University
- *Graduation Project:* SmartCal: Innovating Mobile Tech for Real-Time Calorie Tracking and Dietary Guidance 🔗

Master of Science / Secondary Science and Mathematics Education   Jan 2015 – Jan 2018 | Ankara, Turkey
Middle East Technical University
- **Thesis:** Exploring of STEM Readiness of a Faculty of Education in Turkey 🔗

Integrated Bachelor's and Non-Thesis Master's Chemistry Education   Sep 2007 – Jun 2014 | Ankara, Turkey
Middle East Technical University
- *Graduation Project:* Goal Orientations and Task Values of High School Students 🔗

💼 PROFESSIONAL EXPERIENCE

Postdoctoral Research Associate   Jan 2025 – present | TX, USA
Texas A&M University
- Co-designed and led the "AI-Enhanced Computational Thinking and Agricultural Science in Rural Schools" project, coordinating multi-site implementations across two school districts with 80+ middle school students.
- Established school partnerships and coordinated curriculum alignment, technology deployment, and ongoing classroom support.
- Developed custom AI chatbot tutors and Arduino IoT sensors to scaffold student inquiry and computational thinking in Ag-STEM contexts.
- Facilitated professional development workshops with K-12 teachers on integrating AI and IoT technologies into agricultural curricula.
- Contributed to competitive grant proposals (AIM4Rural) supporting project expansion and delivered invited lectures.
- Conducted design-based research, presenting findings at leading conferences and publishing in top-tier journals.

Research & Teaching Assistant   Sep 2015 – Dec 2024 | Ankara, Turkey
Middle East Technical University Faculty of Education 🔗
- Authored and co-authored publications in leading journals, presented at premier conferences, and conducted scientific projects.
- Designed and delivered undergraduate and graduate courses on instructional technology, research methods, and science pedagogy, integrating AI, IoT, and educational technologies into teacher preparation and supervising pre-service teachers' field practicums.
- Mentored graduate and undergraduate students in qualitative, quantitative, and mixed-methods research, guiding manuscript preparation.
- Pioneered Arduino-based environmental monitoring modules in teacher education, developing hands-on laboratory sessions that bridged science content, educational technology, and pedagogical practice.

Coordinator for Research Assistants   Jan 2023 – Dec 2024 | Ankara, Turkey
Middle East Technical University Faculty of Education
- Led 20+ assistants, strategically aligning their responsibilities with faculty priorities and coordinating across departmental initiatives.
- Implemented efficient scheduling and workload distribution systems, ensuring the timely completion of research and instructional duties.

Distance Education Coordinator   Mar 2020 – Dec 2024 | Ankara, Turkey
METU Distance Education Application Research Center 🔗
- Led institutional transition to online education during COVID-19, supporting 40+ faculty and 200+ students across the Faculty of Education.
- Collaborated with faculty to develop many interactive online courses with innovative technology solutions and assessment strategies.
- Monitored course effectiveness through learning analytics, implementing data-driven improvements.

Technology Coordinator   Sep 2015 – Dec 2024 | Ankara, Turkey
Middle East Technical University Faculty of Education 🔗
- Provided comprehensive technical support to 40+ faculty members, enabling seamless technology integration in teaching and research.
- Designed and delivered training workshops on educational technology tools for 80+ staff members.
- Redesigned and maintained department website, improving user experience and engagement.

Chemistry Teacher   Sep 2014 – Aug 2015 | Ankara, Turkey
Jale Tezer High School 🔗
- Planned and delivered curriculum-aligned chemistry instruction for 300+ high school students with hands-on experiments.
- Designed and implemented online educational materials to support differentiated instruction.

📚 PUBLICATIONS

Peer-Reviewed Journal Articles

- Aldemir T., **Kilinc S.**, Bicer A., Grant P., Davis, T. J. & Sweany, N. W. (2025). Intelligent-TPACK in Practice: Design and Evidence from a Three-Week Teacher Preparation Module. *Computers and Education Open, 9, 100306.* https://doi.org/10.1016/j.caeo.2025.100306 🔗
- Aldemir T., Bicer A., **Kilinc S.**, Moon J., & Kwok, M. (2025). Exploring Emergent AI-TPACK Competencies in a Two-Week AI Literacy Module for Preservice Teachers. *Teaching and Teacher Education.* https://doi.org/10.1016/j.tate.2025.105231 🔗
- **Kilinc, S.,** Geban, O. & Ozturk, G. (2025). STEM Education in Teacher Education: Readiness, Challenges, and Alignment with Global Frameworks. *Ankara University Journal of Faculty of Educational Sciences* (Accepted, in press*).*
- Evkaya O., **Kilinc, S.** & Kizilates S. (2025). Cross-National Perceptions of Generative AI in Higher Education: A Comparative Study of University Students in the UK and Turkey. *International Journal of Information and Education Technology* (Accepted, in press).
- **Kilinc, S.** (2024). Comprehensive AI assessment framework: Enhancing educational evaluation with ethical AI integration. *Journal of Educational Technology and Online Learning, 7*(4-ICETOL 2024 Special Issue), 521-540. https://doi.org/10.31681/jetol.1492695 🔗
- **Kilinc, S.** (2023). Embracing the Future of Distance Science Education: Opportunities and Challenges of ChatGPT Integration. *Asian Journal of Distance Education*, *18*(1), 205-237. https://doi.org/10.5281/zenodo.7857396 🔗
- Uzuntiryaki-Kondakci, E., Tuysuz, M., Sarici, E., Soysal, C., & **Kilinc, S.** (2021). The role of the argumentation-based laboratory on the development of pre-service chemistry teachers' argumentation skills. *International Journal of Science Education*, *43*(1), 30-55. https://doi.org/10.1080/09500693.2020.1846226 🔗

Peer-Reviewed Books Chapters

- **Kilinc, S.** (2025). Personalizing Education in the AI Era: The Comprehensive Impact of Customized Chatbots Across Educational Domains. In *Artificial Intelligence and Human Agency in Education: Volume Two: AI for Equity, Well-Being, and Innovation in Teaching and Learning*. https://doi.org/10.1007/978-981-96-9251-4_2 🔗

Peer-Reviewed Proceedings

- **Kilinc, S.,** Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). AI Chatbot Coaching for Elevating Student Research. In *Proceedings of the 2025 ACM Conference on International Computing Education Research V. 2.* https://doi.org/10.1145/3702653.3744315 🔗

Manuscripts Under Review

- **Kilinc S.,** Aldemir T., Misiejuk K., Kaliisa R., Bicer A., Sabanwar, V., Song, D., Yalvac B. (2025). The Anatomy of Adaptive AI Pedagogy: A Mixed-Methods Analysis of AI Scaffolding Patterns and Student Inquiry Profiles. *Computers & Education.*
- Aldemir T., Bicer A., **Kilinc S.**, Moon J. & Kwok, M. (2025). Challenges, Solutions, and PD Needs for Integrating AI: Insights from a Two-Week AI Literacy Module with Preservice Teachers. *Action in Teacher Education.*

Manuscripts in Preparation

- **Kilinc, S.**, Uzuntiryaki-Kondakci, E., Incecay, I., Yilmazel, E. (2025). Negotiating Partnership: A Case Study on AI Scaffolding and Student Agency in a Project-Based STEM Activity. *International Review of Research in Open and Distributed Learning (IRRODL).*
- **Kilinc, S.**, Evkaya O. & Kizilates S. (2025). The Generative AI Student Perception and Experience Index: A New Tool for Assessing University Students' Engagement with AI Technologies. *Assessment in Education.*
- **Kilinc, S.** & Ozturk G. (2025). Empowering STEM Teachers of the Future through Technology-Enhanced Citizen Science Experiences. *Research in Science Education.*

🖥️ PRESENTATIONS

Peer-Reviewed Conference Presentations

- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2026). *The AI as Cognitive Mentor: Scaffolding Student Scientific Inquiry Through Dialogue.* Accepted for presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2026). *Computational Thinking and Participation in Rural Ag STEM: A Comparative Case Study of Two Middle School Teams.* Accepted for presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- Sabanwar, V., Aldemir, T., **Kilinc, S.**, Bicer, A., & Song, D. (2026). *Teacher Conceptualization of Student Challenges and Solutions for CT in A Non-CS Classroom.* Poster accepted for presentation at the American Educational Research Association (AERA) Annual Meeting, Los Angeles, CA, USA.
- Evkaya, O., **Kilinc, S**, Kizilates S. (2025). *Cross-National Perceptions of Generative AI in Higher Education: A Comparative Study of University Students in the UK and Turkey.* Presented at International Conference on Education and Artificial Intelligence Technologies (EAIT) Convention, Manchester, UK.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). *Enhancing Research Questions and Hypothesis Development Through AI Chatbot Assistance in Rural Agricultural Education*. Presented at the Association of Educational Communications & Technology (AECT) International Convention, Las Vegas, NV, USA.
- Sabanwar, V., Aldemir, T., **Kilinc, S.**, Bicer, A., & Song, D. (2025). *Exploring Computational Thinking skills in the era of GenAI in K–12 education.* Presented at the Association of Educational Communications & Technology (AECT) International Convention, Las Vegas, NV, USA.
- **Kilinc, S.**, Aldemir, T., Sabanwar, V., Bicer, A., & Song, D. (2025). *AI Chatbot Coaching for Elevating Student Research.* Poster presented at the ACM Conference on International Computing Education Research (ICER), Charlottesville, VA, USA.
- **Kilinc, S.** & Ozturk, G. (2025). *Innovative Hybrid Science Education: Integrating Citizen Science & Digital Learning for Future-Ready Teachers.* Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, National Harbor, MD, USA.
- **Kilinc, S.**, & Ozturk, G. (2024). *Evaluation of the Effect of Citizen Science Projects on the Scientific Competences of Pre-Service Teachers.* Presented at the National Science and Mathematics Education Congress, Edirne, Turkey.
- **Kilinc, S.** (2024). *Shifting Paradigms: Ethical Approaches and Integrity Guidelines for AI-Assisted Assessments in Learning.* Presented at the International Conference on Educational Technology and Online Learning (ICETOL), Eskisehir, Turkey.
- **Kilinc, S.**, Geban, O., & Ozturk, G. (2018). *Exploring Instructors' Perceptions of A Faculty Of Education In Turkey About STEM Education*. Presented at the Annual European Conference on Educational Research (ECER), Bolzano, Italy.

- **Kilinc, S.**, Sarici, E., Soysal, C., & Kondakci, E. (2017). *Contribution of the argumentation-based laboratory to pre-service chemistry teachers' microscopic explanations of chemistry concepts.* Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, San Antonio, TX, USA.
- Soysal, C., Sarici, E., **Kilinc, S.**, & Kondakci, E. (2017). *Development of Pre-service Chemistry Teachers' Argumentation Skills in Implementing Science Writing Heuristic at Chemistry Laboratory Subject/Problem*. Presented at the National Association for Research in Science Teaching (NARST) Annual International Conference, San Antonio, TX, USA.
- Ekiz Kiran, B., Kutucu, E. S., **Kilinc, S.**, Soysal, C., & Boz, Y. (2016). *Pre-Service Chemistry Teachers' Level of Explaining Daily Life Events Using Their Chemistry Knowledge.* Presented at the National Science and Mathematics Education Congress, Trabzon, Turkey.

Invited Lectures

- From Questions to Insights: Demonstrating Qualitative Design in Action (2025). *Guest lecture for EDCI 690, Department of Teaching, Learning & Culture, Texas A&M University, USA.*
- Citizen-Science + IoT: Pathways to Authentic STEM & Future-Ready Teachers (2025). *Guest lecture for ENGR/SCIED 497F, Department of Teaching, Learning & Culture, Texas A&M University, USA.*
- Generative AI and Custom GPT Usage in STEM Projects (2025). *Invited lecture, TED Ankara College (Online), Ankara, Turkey.*
- Leveraging Real-Time Data for Enhanced Science Learning (2024). *Invited lecture, Ankara University, Turkey.*
- The Role of Technology in Modern Science Pedagogy (2023). *Invited lecture, Bestepe College, Ankara, Turkey.*

Invited Presentations & Workshops

- Bridging Research and Practice: Assessment Design with AI (2025). *Invited talk, Department of Science Education, Middle East Technical University (Online), Ankara, Turkey.*
- AI in the Classroom: Practical Strategies for Educators (2024). *Workshop, Faculty of Education, Middle East Technical University, Ankara, Turkey.*
- IoT for Environmental Science: A Workshop for K–12 Teachers (2024). *Workshop, Ankara University, Turkey.*
- Citizen Science Projects in Authentic Research (2023). *Workshop on Climate Change and Environment, Ankara, Turkey.*
- Distance Education and LMS Integration into Teaching (2020 & 2021). *Workshop, Middle East Technical University, Ankara, Turkey.*

📁 PROJECTS

Artificial Intelligence Mentorship for Rural Education
Jan 2025 – present | Texas, USA
Educational Innovation Project
- Co-designed and implemented a 16-week AI-enhanced agriculture-STEM curriculum for 80+ middle school students at Caldwell Junior High, improving computational thinking and scientific reasoning through project-based learning.
- Integrated Arduino-based IoT sensors and a custom AI chatbot tutor to support student inquiry, troubleshooting, and data analysis.
- Led a summer series of co-design and professional-development workshops with teachers to adapt curriculum materials, sensor kits, and assessment tools to local contexts.
- Currently coordinating an expansion phase with parallel 12–16-week implementations at Caldwell and Brenham Junior High Schools, embedding the AI chatbot into daily lessons with on-site co-teaching support.

Permaculture Chatbot & Engineering-Design Mentorship
Oct 2024 – Aug 2025 | Ankara, Turkey
Educational Design Project
- Designed and developed a custom AI chatbot to scaffold the Engineering Design Process (EDP) for 12th-grade environmental science students, promoting self-regulated and inquiry-based learning.
- Delivered a two-day workshop to 70 students on chatbot use, design thinking, and permaculture principles.
- Guided student teams as they used the chatbot to design and prototype evidence-based permaculture solutions (e.g., vertical gardens).
- Collected student feedback, chatbot interaction logs, and performance data to evaluate the tool's effectiveness in enhancing self-regulation, decision-making, and reflective thinking.
- Findings informed the design of an improved chatbot model currently being developed for future implementations.

Determining of Education Faculties' STEM Readiness
Jan 2017 – Dec 2017 | Ankara, Turkey
Scientific Research Project
- Evaluated the STEM-readiness of a large sample of faculty members and pre-service teachers following the introduction of STEM education into the curriculum.
- Conducted surveys and interviews to identify gaps in instructional technology use and interdisciplinary collaboration.
- Produced a policy report informing the Turkish Higher Education Council's professional-development and curriculum-reform strategies.

🎖 PROFESSIONAL SERVICE

Journal Reviewer

- Computers & Education Open
- Teaching and Teacher Education
- Frontiers in Education
- Education Innovations: Systems and Future Learning (EISFL)
- AIS Transactions on Human-Computer Interaction
- International Journal of Science, Technology and Society
- Acta Infologica (ACIN)
- Turkish Journal of Educational Sciences

Conference Program Committee

- The International Society of the Learning Sciences (ISLS) Annual Meeting 2025
- National Science and Mathematics Education Congress 2024

Conference Reviewer

- The International Society of the Learning Sciences (ISLS) Annual Meeting 2026
- Association for Educational Communications and Technology (AECT) Online Conference 2026
- National Association for Research in Science Teaching (NARST) Annual International Conference 2026
- American Educational Research Association (AERA) Annual Meeting 2026
- National Association for Research in Science Teaching (NARST) Annual International Conference 2025
- National Science and Mathematics Education Congress 2024

🖥 TEACHING EXPERIENCES

U.S. Teaching & Professional Development   2025 – Present | TX, USA
Texas A&M University & Caldwell Junior High School
- **Co-Designer & Co-Teacher**
  - Co-designed and co-taught a 16-week agriculture-STEM program for 80+ junior high students.
  - Integrated custom AI chatbots and IoT sensor networks (Arduino) to enhance computational thinking and guide student-led research projects in a real-world context.
- **Teacher Professional Development Facilitator**
  - Designed and delivered targeted professional development for partner K-12 teachers, equipping them with the confidence and skills to integrate AI and IoT technologies into their agricultural curricula.

Teacher Mentoring & Instructional Design   2019 – 2024 | Ankara, Turkey
Bestepe College & TED Ankara College
- **IB Teacher Mentor & Instructional Coach**
  - Coached a cohort of IB middle and high school science teachers through a year-long professional development cycle.
  - Conducted classroom observations, provided targeted feedback, and facilitated hands-on workshops focused on implementing inquiry-based learning, achieving interdisciplinary curriculum mapping, and designing authentic, student-centered assessments.
- **Seminar Designer & Instructor**
  - Designed and delivered a pioneering interactive seminar on the ethical and practical applications of Generative AI for K-12 students.
  - Fostered critical digital literacy by guiding students through hands-on activities, case studies, and structured debates on emerging AI technologies.

University-Level Instruction & Mentoring   2015 – 2024 | Ankara, Turkey
Middle East Technical University
- **Instructor & Course Designer (Undergraduate & Graduate Courses)**
  - *SSME518 & MSE329 - Instructional Tech & Material Development (Face-to-Face & Hybrid, BS & MS)*
    - Led both graduate and undergraduate courses from concept to execution. Designed curricula focused on developing IoT-based environmental monitoring projects using Arduino.
    - Pioneered the integration of Generative AI into the course, empowering students to create innovative, adaptive learning content.
  - *MSE405 - Lab Applications in Science Education I (Face-to-Face, BS)*
    - Headed hands-on laboratory sessions for chemistry education, focusing on building students' critical thinking, experimental design, and scientific reasoning skills.
- **Teaching Assistant & Mentor (Graduate Courses)**
  - *MSE603, MSE602, MSE502 - Research Methods & Qualitative Research & Advanced Research (Face-to-Face & Online, MS & PhD)*
    - Provided mentorship to MS/PhD students in qualitative and quantitative educational research methods and research ethics.
    - Guided students through complex methodologies from research design to data analysis.
- **Teaching Assistant & Mentor (Undergraduate Courses)**
  - *MSE409 & MSE410 - Practice Teaching I and II (Face-to-Face, BS)*
    - Supervised pre-service teachers' practicums in local high schools, providing structured, actionable feedback on instructional delivery, classroom management, and pedagogical strategies to accelerate their professional growth.
  - *MSE310 & MSE411 & MSE305 - Secondary Science Teaching Methods I and II & Assessment in Science Education (Face-to-Face, BS)*
    - Facilitated interactive training on science teaching methodologies and the design of effective assessment tools.

K-12 Classroom & Intern Experience   2013 – 2015 | Ankara, Turkey
Jale Tezer High School & Ankara Anatolian High School & METU High School
- **Chemistry Teacher**
  - Designed and delivered a full year of engaging, curriculum-aligned chemistry lessons: integrated hands-on laboratory experiments and digital learning tools to deepen conceptual understanding and support differentiated instruction.
- **Intern Chemistry Teacher**
  - Built foundational teaching skills by collaborating with lead teachers on all aspects of instruction, including lesson planning, one-on-one student support, and managing lab-based activities.

🧠 SKILLS

Science Education & Learning Sciences
- Designing technology-enhanced science curricula for K-12 and higher education
- Supporting teacher professional development in science education practices
- Translating learning sciences research into actionable educational tools

Instructional Technology & Software Engineering
- Designing and evaluating online/hybrid courses using instructional design models and various frameworks
- Developing AI-driven educational applications and adaptive learning systems
- Integrating educational technologies and digital tools into P-12 classrooms and teacher preparation programs
- LMS & Educational Software Expertise
- Implementing IoT solutions for creating interactive and data-rich science learning environments
- Programming (Python, Java) and developing software solutions for educational research and real-time data systems

Research Methodologies
- Qualitative analysis strategies & methods (e.g., interviews, observations, thematic coding)
- Implementing game-based learning principles and gamification strategies to enhance student engagement and motivation
- Quantitative analysis strategies & methods (e.g., statistical modeling, data visualization)
- Conducting video data analysis to generate insights into classroom interactions and learning processes.

Collaboration & Leadership
- Mentoring K-12 teachers and students in STEM education, science education, and educational technologies
- Coordinating interdisciplinary teams (e.g., technologists, educators, researchers) to integrate AI and IoT solutions into science curricula.
- Facilitating competitive grant-writing teams
- Designing and facilitating high-impact professional-development workshops and conference symposia
- Translating learning sciences research into practical, practitioner-friendly classroom tools and educational interventions

👤 MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

The International Society of the Learning Sciences (ISLS)   2025 – present

National Association for Research in Science Teaching (NARST)   2024 – present

American Educational Research Association (AERA)   2025 – present

Association for Computing Machinery (ACM)   2025 – Present

Association for Educational Communications and Technology (AECT)   2025 – Present

📑 CERTIFICATES

AI& Programming & Engineering
- *Advanced AI App Design for Educators (PLC 201) by Playlab.ai in 2025*
- *AI for Education Summit by AI for Education in 2024*
- *Career Essentials in Generative AI Machine Learning and Ethics by Microsoft and LinkedIn in 2023*
- *Python 3 Programming Specialization by the University of Michigan at Coursera in 2022*
- *Complete Python Bootcamp - Zero to Hero by Jose Portilla at Udemy in 2021*
- *Information Technologies Certificate by METU CEC 1-year Program in 2021*

Research Methodologies
- *Instructional Design Foundations and Applications by University of Illinois Urbana-Champaign in 2025*
- *Data Science Methodology by Alex Aklson and Polong Lin in 2022*
- *Qualitative Research by the University of California in 2021*
- *Understanding Clinical Research: Behind the Stat by the Univ. of Cape Town in 2020*
- *Computer-Assisted Qualitative Data Analysis by MAXQDA Trainer in 2019*
- *Methods & Stat. in Social Sciences Specialization by University of Amsterdam in 2019*

Leadership and Management
- *Project Management & Other Tools for Career Development Specialization by University of California at Coursera in 2025*
- *Team Management & Project Management 32-week Program by the School of Leadership in 2021*
- *Mentoring 8-month Program by Association for Coaching by Association for Coaching-Accr. in 2019*
- *Creative Drama Leadership 1-year Program by Contemporary Drama Association in 2014*

🏠 COMMUNITY ENGAGEMENTS

ANKA Youth Association 🔗   2020 – present
Society Member
- Organized international youth projects under Erasmus+ (e.g., "EthiTech: Fostering Responsible Digital Citizenship in Youth" in Romania), recruiting participants and promoting digital literacy and intercultural dialogue.
- Coordinated online Speaking Clubs (e.g., "AI & The Future", "Is Money Key to Happiness"), facilitating discussions on AI, ethics, and societal issues for youth development.
- Supported hybrid internship programs (e.g., "Unlock Your Potential" with Jugendvision e.V., Germany), connecting Turkish youth to global opportunities in project management and digital media.
- Contributed to the "#DijitalKöprüler: Strengthening Intercultural Dialogue through Responsible Digital Citizenship" event (Antalya, Turkey), which featured hands-on workshops on digital ethics, online security, and intercultural exchange—an initiative aligning closely with the themes of my dissertation.

Turkish Intelligence Foundation 🔗   2018 – present
Volunteer Staff
- Contributed to the annual "Intelligence and Talent Congress" (2013–Present), assisting with logistics and facilitating sessions on intelligence, talent development, and educational innovation at METU.
- Supported Turkey Intelligence Foundations Meetings (animation science and healthy nutrition), engaging educators and students.
- Assisted with session planning, breakout workshops, and expert panel logistics addressing topics such as gifted education, innovative testing methods, and the role of social communication in talent development.
- Supported the "Inter-School Intelligence Games Championship" (2019-present), coordinating nationwide events to enhance students' problem-solving skills.

Darüşşafaka Society 🔗   2017 – present
Community Volunteer
- Participated in fundraising campaigns with companies and individuals to secure donations for underprivileged students' education.
- Served as a mentor in the society's mentorship program, guiding graduates in career planning and academic growth through one-on-one support.
- Facilitated student-professional networking events, connecting students with industry experts to promote educational equity.

METU Alumni Association 🔗   2016 – present
Member
- Contributed to various activities—including social, cultural, and professional development events—and actively participated in committees (e.g., Event, Communication, and Disaster & Emergency Assistance Committees).
- Coordinated and facilitated mentorship programs for numerous university students, providing career guidance and networking opportunities.
- Played a significant role in the February 2023 Turkey earthquake relief efforts by organizing donation drives, coordinating packaging, and ensuring efficient aid distribution to affected communities.
- Collaborated with cross-functional teams to enhance volunteer engagement and streamline logistical operations for big events.

The Educational Volunteers Foundation of Turkey 🔗   2013 – present
Education Volunteer
- Actively contributed to various fundraising events and donation campaigns that support underprivileged children's educational opportunities.
- Supported developing and disseminating engaging, free educational content through TEGV Akademi for children, parents, volunteers, and teachers.
- Participated in aid collection, packaging, and distribution activities, particularly during the February 2023 earthquake.

🌐 LANGUAGES

Turkish   ● ● ● ● ●
Native Language

German   ● ● ● ○ ○
Basic German skills with continual improvement

English   ● ● ● ● ●
Advanced English is demonstrated through academic pursuits, including earning degrees, publishing research, and presenting at international conferences.

⚙ REFERENCES

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