



PROFESSIONAL SUMMARY

Dedicated and dynamic professional with a career-long record of instructional design, e-learning, AI technology, education, and instruction leadership success. Currently transitioning into AI quality assurance and data annotation roles with a strong focus on music, audio, and Turkish language projects.

Proven talent for aligning organizational strategy and objectives with established **music composition, music theory, music technology, audio and sound recording, artificial intelligence quality assurance, and AI training and evaluation** paradigms to achieve maximum impact. Results and success-focused leader with the ability to spearhead the creation and development of engaging learning scenarios, curricula, and content to support education; **leverage technology and e-learning materials to design and develop innovative programs to improve education; and oversee and direct a wide range of key activities related to music, sound, and voice production, AI, and education.** Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills and expertise in adult and child learning. Proficient in the design and production of e-learning solutions with a history of success in directing projects from inception to completion

CORE COMPETENCIES

AI Quality Assurance
AI in Education
E-Learning, Web Design
Music Technology
Content Development
Teaching & Instruction

Music Theory
Music Composition
Voiceover Director/Actor
English/Turkish Tutoring
Instructional Design
Curriculum Development

Research in Education
Innovative Teaching
Project Management
Problem-Solving
Team Management
Leadership

EDUCATION AND CREDENTIALS

DOCTOR OF MUSICAL ARTS (D.M.A.) IN COMPOSITION, 2002

Music and Performing Arts, Bilkent University, Ankara, Turkiye

MASTER OF MUSIC (M.M.) IN COMPOSITION, 1996

Music and Performing Arts, Bilkent University, Ankara, Turkiye

BACHELOR OF MUSIC (B.M.) IN MUSIC THEORY AND COMPOSITION, 1994

Music and Performing Arts, Bilkent University, Ankara, Turkiye

ASSOCIATE DEGREE (A.A.) IN MUSIC THEORY, 1990

Music and Performing Arts, Bilkent University, Ankara, Turkiye

PROFESSIONAL EXPERIENCE

MERCOR AI, REMOTE, USA 2026

AUDIO QA, ARTIFICIAL INTELLIGENCE QA CONSULTANT

- Conducts **quality assurance for a leading generative AI model** by evaluating and refining its performance for **sound recording, Voice Recognition, Audio & Video Software AI tutoring.**

HANDSHAKE MOVE AI, REMOTE, USA 2025 TO PRESENT

MUSIC QA, ARTIFICIAL INTELLIGENCE QA CONSULTANT

- Conducts **quality assurance for a leading generative AI model** by evaluating and refining its performance to achieve a graduate-level understanding of music theory and audio engineering

VANDERBILT UNIVERSITY, NASHVILLE, TN, 2025 TO MAY 2026

ADJUNCT PROFESSOR OF MUSIC TECHNOLOGY,

- Oversees the teaching and instruction of undergraduate courses on Music Technology, A.I. in Music, Sound and Production for Video Games, Sound Design, Sound Foley, Film Scoring

TENNESSEE STATE UNIVERSITY, NASHVILLE, TN, 2023 TO JULY 2026

ASSISTANT PROFESSOR, MUSIC APPRECIATION COORDINATOR

EDUCATIONAL TECHNOLOGY DESIGN COACH, TSU A.I. SMART CENTER CERTIFIED MEMBER

- Coordinates 20+ instructors serving 500-1000 students per semester, in addition to the tasks below,
- Trains faculty with the latest technology, including **AI tools used for teaching and research,**

TENNESSEE STATE UNIVERSITY, NASHVILLE, TN, 2015 TO 2023

FULL TIME PROFESSOR, MUSIC APPRECIATION TEAM LEADER, TSU INSTRUCTIONAL COACH

- Pioneers the **integration of Artificial Intelligence** in music education by conducting research, introducing innovative AI tools in the classroom, advocating for AI adoption, training faculty, representing TSU at educational conferences, and serving as an invited **keynote speaker on AI** in education.
- Oversee the teaching and instruction of undergraduate courses on Music Theory, Aural Skills, Music Appreciation, Music for Video Games, and graduate courses on Survey/Pedagogy Music Theory.
- Lead the creation and development of engaging lesson plans on different topics to support student learning and development.
- **Integrate artificial intelligence tools and methodologies to enhance music education,** assessment, and engagement in classroom and **digital learning environments.**
- Collaborate and communicate with other personnel in curricula development to meet student needs.
- Effectively utilize a wide range of software and technical tools to support the delivery of top-quality instruction across different musical areas.

DR. TEM MUSIC & ART ACADEMY, NASHVILLE, TN, 2015 TO JULY 2026

OWNER, INSTRUCTOR

- Presides and directs all key activities for this private academy across Piano, Composition, Film Scoring, Music Theory, and Aural Skills.
- Leads a team of instructors delivering individualized and group lessons across various instruments, ensuring consistent pedagogical quality and instructional innovation under direct supervision.
- Spearheads the development and delivery of top-quality innovative lesson plans to meet the needs and further the development of students.

SEBIT LLC, SCOTTSDALE, AZ & ANKARA, TURKIYE, 1996 TO 2015

DIRECTOR OF MUSIC & SOUND PRODUCTION DEPARTMENT

- Directed all elements of various projects from inception to completion while coordinating sound designers, sound editors, composers, and voice artists.
- Played a key role by composing music, voice recording, and designing sounds across all productions.
- **Oversaw and coordinated various auditory services to support the production and development of projects, such as directing Voice-Audio Recording Sessions in English and Turkish, including performing voice-over recording/acting sessions myself in Turkish.**
- Conducted extensive research into different areas of e-learning, both educationally and technically.
- Operated with a strong focus on identifying and meeting the department's technical needs as part of assigned duties.

- Acted as a department representative, communicating with other departments and companies while cultivating strong relationships.
- Leveraged extensive expertise and experience to define the sound and music standards of all products and oversee these products from start to finish.
- Undertook and completed a wide range of projects, including Adaptive Curriculum E-Learning for US High Schools with Arizona State University, VITAMIN Web-Based E-Learning Project for Turkish Elementary and High Schools with the **Turkish Ministry of Education, Turk Telecom**, and International Projects for Malaysia, Chile, Thailand, Saudi Arabia, and the EU.
- Led the execution of various other projects, such as VITAMIN (**Turkish Literature and Grammar, Maths, and Science**), Knewton Global Adaptive Learning Project, The Monstrous Dino is Learning How to Read and Write, TEDdy's Ready E-Learning Project for K3, BUKI E-Learning Project for K3, and Piri the Explorer Ship Educational Video game.

MIDDLE EAST TECHNICAL UNIVERSITY, INFORMATICS INSTITUTE, ANKARA, TURKIYE, 2011 TO 2015

INSTRUCTOR – GAME TECHNOLOGIES GRADUATE PROGRAM- SOUND DESIGN, FOLEY, AUDIO PRODUCTION

- Provided instruction and teaching to graduate students on **Sound Design, Sound Foley, and Voice Over** while ensuring engagement across the Game Technologies Program.
- Contributed extensively to designing and developing engaging lesson plans and curricula to meet student needs.

STATE CONSERVATORY OF BASKENT UNIVERSITY, ANKARA, TURKIYE, 2010 TO 2014

INSTRUCTOR – MUSIC COMPOSITION & THEORY

- Utilized extensive expertise and experience to serve as an Instructor for Music Theory, Harmony, Composition, Ear Training, Solfege, Sight Reading, and Aural Writing.
- Carried out the creation and preparation of course materials and led the delivery of engaging lectures to students.

ALTIN EGITIM MUSIC & FINE ARTS COLLEGE HIGH SCHOOL, ANKARA, TURKIYE, 2013 TO 2014

INSTRUCTOR/RESEARCHER – TECHNOLOGY-BASED CLASSROOM TEACHING

- Performed extensive research and analysis into e-learning and technology to understand the latest trends and advances.

STATE CONSERVATORY OF HACETTEPE UNIVERSITY, ANKARA, TURKIYE, 2011 TO 2013

INSTRUCTOR – MUSIC TECHNOLOGY, SOUND EDITING, RECORDING

- Served as an adjunct faculty member in the Musicology Department and performed the instruction of the graduate course "**Audio Recording Technology in Research.**"

PREVIOUS EXPERIENCE

BILKENT UNIVERSITY, 1998 TO 2002 | **INSTRUCTOR, ADJUNCT FACULTY**

BILKENT UNIVERSITY, 1996 TO 1998 | **FULL-TIME FACULTY**, Music majors, middle school(K12) & undergraduates

GULHANE MILITARY MEDICAL ACADEMY CHOIR, 1997 | **CONDUCTOR**

BILKENT UNIVERSITY, 1994 TO 1996 | **GRADUATE TEACHING ASSISTANT**, conservatory-level middle school (K12)

TUBITAK, 1993 TO 1996 | **MULTIMEDIA PRODUCER & RESEARCHER** Government Multimedia Research Lab.

YAMAHA PRIVATE MUSIC SCHOOL, 1991 TO 1993 | **INSTRUCTOR** Yamaha Keyboard Program, Piano

AYKAN, ERKEN BASARI KINDERGARTEN, 1989 TO 1991 | **KINDERGARTEN MUSIC TEACHER**

SELF-EMPLOYED, 1992 TO PRESENT | **PRIVATE TUTOR** Piano, Music Theory &

Composition, **Turkish Tutoring for non-Turkish speakers.**

AWARDS AND HONORS

- The Faculty Classroom Engagement Proposal was selected to receive a Grant by the Vice President for Academic Affairs at TSU. "Mozart comes to Your Class," a talking AI-3D avatar, Spring 2023, (Link)
- HALICI MIDI Song Contest (1999): Won 2nd place with the piece "1453 Istanbul."
- Turkish Ministry of Education (MEB): (1995) Merit Award for contributions to music education.
- HALICI MIDI Song Contest (1994): Honorable mention with the song "Symphonic."
- Turkish Radio and Television (TRT) National Children's Choir Popular Song Contest (1993): Honorable mention with the song "Orman Sevgisi."

PUBLICATIONS & MEDIA

- 2026, Bilkent Dergi, the Annual University Magazine, an Interview with "Dr.Tolga Tem," as the "Outstanding Alumni of the Year."
- 2024, LinkedIn Article "Is AI the New Composer or Are We Looking at the Mirror? Published on (Link)
- 2014, Article "Writing Music for Film is Art" published in "Alumni Journal of METU."
- 2013, Paper, "Learning to Change, Changing to Learn - The Future of Music Education in the 21st Century" Paper published and presented at "International Hisarlı Ahmet Music Symposium, Dumlupinar University, Kutahya
- 2012, Paper, "The Role of Sound and Music in Games and Film." An experimental short film (how two different studies of sound and music production can change the spirit of the same short film) was published by "ATMM 2012 (Audio Technologies for Music and Media), and presented at the Department of Communication and Design, Bilkent University, Ankara
- 1996, Article, "Computer Music for Video Games " published in "Journal of TUBITAK Science and Technics."

CONFERENCES & PRESENTATIONS

- Invited Speaker AI in the Music Industry, IAML Congress in Thessaloniki, Greece, June 2026 (Link)
- Invited Presenter Generative AI, NASM 100th Meeting, Chicago, IL 2024 (Link)
- Keynote Speaker, "AI in Music" A.I. For All Summit, Nashville, TN 2024 (Link)
- "Artificial Intelligence in Music Education", Active Attendee, NASM Meeting, Scottsdale, AZ, 2023
- "Possibilities of Using AI in Education", Guest Speaker, Faculty Trainings, Liberal Arts, TSU 2023
- "Turkish Music from Past to Present", September 2015 to September 2018, School of Music, Ward Hall, Lipscomb University, Nashville, TN.
Music Dept. Nashville Community College, Nashville, TN
Seminar, Music Department, Tennessee State University, Nashville, TN
- "East Meets West: Music of the Modern Turkish Republic" Guest Lecturer, May 2015
Tennessee Consortium for International Studies, Dept. of Music, Tennessee State University. Presented at Atilim University, Ankara.
- "Music for Film and Video Games, Eastern and Western Approaches", 2013 Seminar, Music Department, Tennessee State University, Nashville, TN.
Seminar, Newcomb Department of Music, Tulane University, New Orleans, LA.
Seminar, Herberger Institute, Arizona State University, Tempe, AZ
- "Composing Music for Visual Media", 2013
Seminar, Department of Music, Yasar University, İzmir
Seminar, A.K.Department of Music Education, N.E. University, Konya
- "Working as a Sound Designer / Composer in the Industry", 2012
Seminar, Game Technologies, Middle East Technical University, Ankara
- "Music and Sound Production for Games", 2011

- Seminar, Informatics Institute, Middle East Technical University, Ankara
- "Sound Design and Development, Sound Editing, Sound Foley", 2011 Workshop, Informatics Institute, Middle East Technical University, Ankara
- "Composing Music For Film with Computers", 2010 Workshop, Baskent University State Conservatory, Ankara
- "Falcon 4.0 Flight Simulation Game and Virtual Squadrons", 2010 Presentation, Modeling and Simulation Society, Middle East Technical University, Ankara
- "Hardware and Software to use in Field Recording and for Sound Editing", 2010 Presentation, Musicology Department, Hacettepe University State Conservatory, Ankara
- "Computer-Aided Ear Training: Aural Dictation Can be Practiced Individually", 2002 Presentation of Doctoral Research, Music and Performing Arts Faculty, Bilkent University, Ankara

TASKS, RESEARCH, QUALIFICATIONS, & CERTIFICATIONS

- 2026 SMART Center Applied **A.I. Train the Trainer** Summit, Trainer/Tutor. (Link)
- 2025 Certificate of Participation: **H.A.N.D.S on A.I. Super User** Summit at TSU SMART CENTER (Link)
- 2024 to Present **Keynote Speaker**, Facilitator, Presenter, **AI Consultant**, AI Fellow at TSU
- 2024 to Present eLearn & **Distant Education Certificates**, Levels E101, E102, E103, E104, TSU
- 2023 to Present, Research on the detection of AI Content, and exploring the benefits of **AI in Higher Education** (The task is assigned by the Dean of Liberal Arts at TSU)
- 2017- Present, ETS Educational Testing Service, AP Music Theory Reader
- 2016- Present, Coordination of 60+ sections of Music Appreciation courses at TSU, overseeing the training of faculty members during the transition to digital platforms. Implemented modern assessment and evaluation methods to enhance student learning outcomes. Task assigned by the Chair of the Music Department
- 2015- Present **Private Language Tutor (Turkish-English)**
- 2015, **"Keloglan" Voice Over Director, TV Series for TRT (Turkish Radio and Television)** (Link)
- 2012, "Optimum Balance Model" Certificate, NLP Training, with Dr. Tamer Dovucu, Ankara
- 2012, Workplace Coaching Certificate, Erickson College International,
- 2012, Manager as a Coach (Advanced) Certificate, Erickson College International, •
- 2006 to 2012, Intercorporate Leadership Training Programs, including: Team Management, Project Management, Time Management, Meeting and Presentation Techniques, Fundamentals of Marketing, Communication, Stress Management at Siemens Business Services
- 1997, Berklee College of Music, Boston, MA, USA (summer) Music Production Workshop (Film Scoring, Sound Design, and Sound Recording)

PROFESSIONAL ACTIVITIES

- 2019, D2L Connection: Tennessee Edition, Conference, Tennessee State University, Avon Williams Campus, Nashville, TN
- 2019, Mellon Partners Digital Pedagogy Symposium, Vanderbilt University-Tennessee State University, Avon Williams Campus, Nashville, TN
- 2015-2019, NAMM Nashville, TN, Music Industry, Music Technology • 2014, Altin Egitim Music & Fine Arts High School, Ankara, Turkiye Research on "Technology-Based Music & Education", a Pilot Model
- 2013, Fusion 2013, Desire2Learn Conference, Boston Marriott Copley Place, Boston, MA
- 2013, Berklee College of Music, a visit to Berklee for exchange of ideas on music education, research, and e-learning, mostly related to their "PULSE" Project and Development, Boston, MA
- 2013, Arizona State University, a visit to ASU, Herberger Institute for the exchange of ideas on music education, research, and e-learning, Tempe, AZ

- 2012 – Present, Crystal Pixel, Best Computer Games Awards, Jury Member, Selection Committee, (Game Jam) Ankara
- 2012, IEEE Signal Processing Society, Summer School on Game Audio at Middle East Technical University. The program includes: Spatial hearing and 3D audio” (Em Prof Dr. Jens Blauert, RUB); “Game audio programming with Wwise” (Mr. Simon Ashby, Audiokinetic); “Sound synthesis for computer games” (Dr. Xavier Serra, UPF)
- 2012, Focusing with your body, workshop given by Panda van Proosdij, the movement coach of the Netherlands Children’s and Youth Choir at Hacettepe University
- 2012, The joyful way to ear-train children, workshop given by Wilma ten Wolde, the conductor of the Netherlands Children’s and Youth Choir at Hacettepe University
- 2007, SOUND 07 Istanbul/Turkiye 2007 Professional Sound and Music Technologies and Instruments Expo
- 2003, Sound Expo London/ UK Sound & Music Industry

SELECTED COMPOSITIONS, AUDIO PRODUCTIONS, MUSICAL PERFORMANCES

- Orchestral & Symphonic Works (Link)
- Film, Video Games, Documentary & Commercial Music (Link)
- Music and Sound Productions (Link)
- Beethoven Symphony No.7: (1994) Conductor. Performed by Bilkent Symphony Orchestra at Bilkent Concert Hall.
- Gulhane Military Medical Academy Chorus: (1992) Conductor. Performed at Gulhane Medical Academy.

TECHNICAL EXPERTISE

- **Selected Daily AI Tools Used: Super Grok** (including **X, iPhone App, and TESLA**), ChatGPT Pro, Google Gemini Advanced, Amazon Alexa Plus, Microsoft Copilot, Claude, Perplexity...
- **Software:** Steinberg Cubase, Pro Tools, Logic Pro, Sibelius Notation, MuseScore, Encore 4.5, Sony Sound Forge, Vegas Pro Video Editing, AI Video and Audio Production Tools such as Google VEO3, Flow, Runway, Midjourney, Music Production AI tools such as Suno AI and Udio AI, Kling AI, Adobe Photoshop, Adobe Dreamweaver, WordPress Web Design, Microsoft Visual SourceSafe (VSS), Jtrac Project Tracking, Redmine Project Tracking, Tortoise SVN Project, Microsoft Project Management, and Office tools.
- **Preferred Educational Music Apps for Kids:** Piano Maestro, Dust Busters 2, Yousician, Note Rush
- **Preferred Educational Music Apps for Adults:** Flowkey, Tomplay, Utheory.com, Ear Master Pro
- **Distant Education and Classroom Tools & Platforms:** Duanlingo Language, Brightspace-D2L, Nearpod, Top Hat, Poll Everywhere, Zoom, ManyCam.

ADDITIONAL INFORMATION

Languages: English (Fluent in Academic and Professional), **Turkish** (Native, Advanced Academic Proficiency)
Interests: AI Tutoring, AI Training, AI QA and Evaluation, AI in Education, Music Production for Film and Video Games, Online Teaching & Distant Learning, **Generative AI and Chatbots, AI Assistant tools, Language Tutoring (Turkish and English)**, Technology-based Music Education, Research on Music Education, Children’s Musicals,
Professional Hobbies: Video & VR Gaming, Web Design, Flying RC Flight Models, Playing Squash, Scuba Diving, Darts, Basketball, Dancing