

# Tolga Zafer Ozdemir

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**Right to work in the UK**

## *Education*

- 2002 – 2008 **University of Memphis, USA**  
Doctorate of Musical Arts in Composition (Summa Cum Laude)
- 1999 – 2002 **Istanbul Technical University, MIAM Centre for Advanced Studies in Music, Turkey**  
Master's Degree in Composition (Summa Cum Laude)
- 1992 – 1999 **Marmara University, Turkey**  
Bachelors Management

## *Research*

- 2022 **Tritonet software**  
Musical Calculator for music theory education and music performance, Ableton Live plugin
- 2018 **Tritonet textbook**  
Musical Abacus for music theory education, Cambridge Scholars Publishing, 2018

## *Academic Experience*

- 2009 – 2021 **Associate Professor, Istanbul Bilgi University**
- Teach courses related to music theory, music history, philosophy and music production.
  - Design curriculum and deliver well planned lessons.
  - Prepare learning materials, monitor the attendance, prepare assignments and grade
  - Use technology in the class effectively, including Notation and DAW softwares
- 2007 – 2009 **Lecturer, Akdeniz University**
- Teach courses related to music performance, ensemble and live sound.
- 2002 – 2007 **Graduate Assistant, University of Memphis**
- Teach courses related to sight reading, solfeggi and fundamental music theory.
  - Organize the recordings of the performance hall.

## *Relevant Work Experience*

- 2021 - 2021 **Academic Advisor, Deplike**
- MIDI implementation and teaching philosophy for building AI based Virtual Guitar Teacher
- 2020-2021 **Academic Advisor, Otokar**
- Building a noise-cancelling headphone with resonators for factory workers.
- 2013-2014 **CEO, TamBeşli Ltd. Şti.**
- Product planning, coding and building Tritonet hardware

- 1994-1995      **Intern, Star TV News**
- Write well-constructed articles based on reliable information.
- 1993-1994      **Camera Assistant, Show TV News**
- Set up the equipment for the camera operator.
- 2007 – present      **Private Tutor**
- One-on-one and online tutoring for Piano, Theory and Ableton Live
- 1992 – present      **Gig Musician**
- Orhan Osman Greek Band 1995-1999
  - Bora Uslusoy Band 1999-2001
  - Symbiosis (Bass Player) 2003-2004
  - The Mob 2007-2008
  - Serkan Çağrı Balkan Band 2009-2012
  - Kardeş Türküler 2013-2014
  - Analog Kültür Experiment 2017-2019
  - Solo Set 2019-...

## *Courses Taught*

2021-2021	Ableton Course	Garnish Music Production School
2020-2021	Audio Culture	Istanbul Bilgi University
2019-2021	Arrangement	Istanbul Bilgi University
2019-2021	Sound and MIDI Technologies	Istanbul Bilgi University
2019-2020	Ableton Course	SnapMuse
2018-2021	Survey of World Music	Istanbul Bilgi University
2016-2017	Harmony with Tritonet	BGST Institute
2016-2017	Ableton Course	BGST Institute
2016-2019	Composition Seminar	Istanbul Bilgi University
2016-2021	Modal Harmony	Istanbul Bilgi University
2014-2016	Ensemble based on Ableton	Istanbul Bilgi University
2011-2021	Musical Communication	Istanbul Bilgi University
2011-2016	Guest Artist Seminar	Istanbul Bilgi University
2011-2016	Physics of Sound and Music	Istanbul Bilgi University
2011-2021	Western Music History	Istanbul Bilgi University
2011-2021	Romantic Era	Istanbul Bilgi University
2011-2020	20th Century Music History	Istanbul Bilgi University
2009-2019	Orchestration	Istanbul Bilgi University
2009-2011	Tonal Harmony	Istanbul Bilgi University
2007-2008	Music Technology	Akdeniz University
2007-2008	Ensemble	Akdeniz University
2006- 2007	Hearing Sight Reading	University of Memphis
2006-2007	Advanced Finale Course	University of Memphis

# ***Presentations***

## ***Conference Participant***

### **Tritonet as an Educational Tool**

Mathemusical Conversations

Mathematics and Computation in Music Performance and Composition

2015, Yong Siew Toh Conservatory of Music, Singapore

### **Live Controlling Music Harmony with Tritonet**

3<sup>rd</sup> International Conference on Complex Dynamical Systems

*New Mathematical Concepts and Applications in Life Science*

2014, TOBB University, Ankara/ Turkey

### **Circle of Fifths in on CBS 10996 Tablet**

Iconea

*Arithmetical Subjectivism or Unconscious Knowledge?*

2014, University of Oxford/UK

## ***Tritonet seminars***

The Rattle	October 2021, UK
SOAS University of London	March 2019, UK
University of Ghent IPEM	January 2017, Belgium
Kingston University	April 2016, UK
Conservatorium von Amsterdam	May 2015, Netherland
Anadolu University	April 2015, Eskişehir / Turkey
Sakarya University	March 2015, Sakarya / Turkey
Surrey University	December 2014, Surrey / UK
Mimar Sinan University	November 2014, Istanbul / Turkey
Istanbul Technical University	October 2013, Istanbul / Turkey
Akdeniz University	September 2014, Istanbul / Turkey
Yıldız Technical University	May 2013, Istanbul / Turkey
MIAM, Istanbul Technical University	April 2013, Istanbul / Turkey

## ***Volunteer***

Istanbul Design Summit	Keynote speaker, March 2019
Tales of Sound	Storyteller, Mardin, October 2018
School of Life	Harmony teacher, Çanakkale, 2014- ...
Pera Int. Piano Festival	Jury member, Istanbul, 2009-2011
Composers Cauldron	Music with Children, Kapadokya, 2013

## ***Album Appearances***

2021	New Music for Kanun & Piano	Composer, Ex Oriente Lux
2018	Tolga Zafer Acoustic Works	Composer of the album
2017	Glazbeni Mostovi, Ivan Hortavić	Composer, Mesopotamia Suite
2017	In Godsnaam, NBE	Arranger, Wedding
2013	Men Zegt Liefde, NBE	Arranger, Gitti de Gitti
2012	Atlas, Tolgahan Çoğulu	Composer, Shesh-tar
2011	Serkan Çağrı& Rumeli Band	Performer, band member
2008	Tınların Zenginliği, Duo Mares	Composer, Karadeniz
2007	İplerin kopuşu, Mehmet Güreli	Producer, performer
2007	Kolik Bebek	Composer, Producer
2002	Odamda Yolculuk	Performer, band member

## ***Awards***

2022	Guthman Musical Instrument Competition Finalist, USA
2017	Visby Composer Center, Composer in Residence, Sweden
2013	Ministry of Science, Industry and Technology Turkey Republic. Grant for Tritonet : A developing musical instrument for music harmony and performance
2010	Visby Composer Center, Composer in Residence, Sweden
2009	London International Awards, Radio Jingle for Google
2006	3rd Mediterranean Music Centre Competition, Shades of Mediterranean Lamia, Greece
2006	Composer of the Year, Memphis Teachers Association
2005	SCI/ASCAP Commissioning Program Region IV
2004	Dr. Nejat Eczacıbaşı International Composition Competition
2003	Schmitt Composition Award (University of Memphis)

## ***Commissions***

2021	Im Wagen Dritter Klasse	Komische Oper Berlin, Germany
2019	Artık bir davan var, Musical Theatre	BGST, Turkey
2014	Hera and Leandros	Tolgahan Çoğulu, Turkey
2013	Chaopolis	CEC ArtsLink, USA
2012	Thumbnails	Jerfi Aji, Turkey
2011	Likya Dede	Antalya State Opera and Ballet
2010	Kesitler	Serkan Çağrı, Turkey
2010	Bana Seni Gerek Seni	TRT (Turkish Radio Television)
2010	Circular Etudes	Bilkent University, Turkey

2010	Pantoral	Visisonor, Netherlands
2009	Yek	University of Memphis, USA
2009	N.Andel Cello Concerto	Cihat Aşkın, Turkey
2008	Affordable Escape	Lutz Koppetsch, Germany
2008	Gölge - Movie soundtrack	Mehmet Güreli, Turkey
2008	Karadeniz	Duo Mares, Netherlands
2007	Shesh-tar	Lilly Afshar, USA
2006	Karpathia	Allen Rippe, USA
2005	Shades of Mediterranean	Allen Rippe, USA

## *Attended Music Festivals*

Contemporary Dance Festival	2019, Istanbul / Turkey
Turquazz	2019, London / UK
Kaş Jazz Festival	2019, Antalya / Turkey
Red Bull Music Festival	2019, Istanbul / Turkey
Garanti BBVA Concert Series	2019, Istanbul / Turkey
Sonar Music Festival	2018, Istanbul / Turkey
XJazz Festival	2018, Istanbul / Turkey
The 34 <sup>th</sup> Asian Composers League	2016, Hanoi / Vietnam
Alle Farben Türkischer Musik	2016, Berlin / Germany
International Clarinet Festival	2015, Istanbul / Turkey
International Nisville Jazz Festival	2013, Nisville / Serbia
Composers Cauldron	2013, Capadoccia / Turkey
International Saxophone Symposium	2011, Washington / USA
XV. World Saxophone Congress	2010, Bangkok / Thailand
ISCM 2010 World Music Days	2010, Sydney / Australia
Akdeniz Contemporary Music Days	2006, Istanbul / Turkey
Stromberg Duong Festival	2007, Hanoi / Vietnam
The Five Seasons	2006, Cedar Rapids / USA
SCI 2005	2005, San Antonio / USA
Turkfest	2004, London / UK

## ***Publications***

### *Book format*

2018	Tritonet	Cambridge Scholars Publishing (UK) ISBN 978-1-5275-0377-9
2017	Tritonet	Pan Music Publishing (Turkey) ISBN 978-605-9646-22-2
2016	Karadeniz	Edition Avantus (Germany) ISMN: 9790700366490

### *Software format*

2022	Tritonet	Ableton Live Harmony Toolset
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### *Musical format*

#### *Orchestral*

Im Wagen Dritten Klasse (2021)	Kardeş Türküler, String Ensemble and Electronics
Cyclic Etudes (2016)	Semi-generative composition for Chamber Orchestra
A (2012)	Musical Theater for Symphony orchestra
Untitled Artist (2012)	String orchestra
Likya Dede Ballet (2011)	Symphony orchestra and folk instruments
Chimaera Ritual (2007)	Symphony orchestra and tape
Dialogues (2006)	Symphony orchestra and authentic instruments
Karpathia (2005)	Wind Ensemble and alto saxophone concertino
Adventura (2005)	String orchestra
Eine Kleine Nicht Musik (2002)	Symphony Orchestra
Düspük (1995)	Symphony orchestra and piano concertino

#### *Chamber Music*

Hero ve Leandros (2014)	Guitar and Kemenche Duo
Ex Oriente Lux (2012)	Piano and Qanun Duo
Chaopolis (2012)	Piano, Violin, and Horn trio
Circular Etudes (2011)	Mixed ensemble
Pantoral (2010)	Mixed ensemble
Yek (2009)	Mixed ensemble
Affordable Escape (2009)	Piano, Violin, and Saxophone trio
Karadeniz (2007)	Viola and Accordion Duo
Mesopotamia Suite (2006)	Saxophone Quartet
Shades of Mediterranean (2004)	Mixed ensemble
White Dreams (2003)	String octet
Mom! A spider came out of my ear! (2003)	Mixed ensemble
Bitter Delight (2003)	Mixed ensemble

Playin' Chant (2002)	Mixed ensemble
String Quartet No. 1 (2001)	String Quartet
A Ship in the stormy sea (2000)	Two Pianos and two Synths
Motorway (2000)	Mixed ensemble

## *Solo Instrument*

Thumbnails (2012)	Piano
Ex Oriente Lux (2010)	Piano
Shesh-tār (2007)	Guitar
Ask your doctor before using "IT" (2006)	Percussion and Tape
Crown Dream of a Clown (2001)	Piano
Minik (1999)	Piano
Mezopotamya Süiti (1996)	Piano

## *Electronic*

Artık bir davan var	Musical Theatre
Cyclic Etudes (2014 - )	Live performances with Tritonet
Fractal Counterpoint (2010)	Counterpoint inside counterpoint, fractal
Mandelbrot Cello (2008)	Cello harmonics 7200 times slower
Googlechestra (2008)	Radio Jingle
Turquoise (2006)	Sound effects for NBE concert
Industrial Sufi (2005)	E-bowed Piano
Piece of Mind (2004)	Tape
Kolik Bebek (2004)	Sleeping CD for colic babies

## *Media*

Bana Seni Gerek Seni (2010)	G Clarinet and String Orchestra, TRT
Selma ve Gölgesi (2007)	String Quintet and Soprano, "Gölge" Movie Soundtrack
Sacred Spaces (2004)	WKNO TV series, Memphis
Çıldırıyorum (2002)	Short Movie

## *Visual*

Six Nineteen (2017)	Modern Dance
Thumbnails (2012)	Dialogue of two hands on Piano
Untitled Artist (2012)	Wall painting by coloring the modes, String orchestra
A (2012)	Drama of an oboist to tune a symphony orchestra
"What is Art?" (2008)	Multimedia Installation, Akdeniz University
Get into the Groove (2005)	Modern Dance, Tape
Rapers (2002)	Theatre music, Hadi Çaman

## *Arrangements*

NBE arrangements (2010 - )	Various arrangements for Netherland Blazers Ensemble
Umut Konseri (2011)	Umut Özbek Symphonic Concert
Kesitler (2010)	Symphony orchestra and G Clarinet, concert series
İstanbul (2010)	Müzikotek 25th anniversary CD
İhsan Özgen eserleri (2010)	Mixed group
N.Andel Cello Concerto (2009)	Orchestration
Aman Bre Deryalar (2008)	Wind Ensemble and G Clarinet
Dağ Başını Duman Almış (2007)	Symphony Orchestra
Galatasaray Marşı (2006)	Symphony Orchestra

## *Composition Performance History*

### *Orchestral*

Im Wagen Dritter Klasse	Kardeş Türküler, 2022, 2 performances, Berlin/Germany
A	Ricciotti Ensemble, Gijs Kramers, 2012, 20 performances, Netherland Ricciotti Ensemble, Gijs Kramers, 2012, 20 performances, Turkey
Chimaera Ritual	Antalya Symphony Orchestra, Sıdıka Özdil, 2007, Antalya/Turkey Bursa Symphony Orchestra, Sıdıka Özdil, 2011, Bursa/Turkey U. of Memphis Symphony Orchestra, Dr. Pu-Qui Jiang, 2007, Randolph County Senior High All-County Band Concert, Andre Feagin, 2006, Asheboro/USA U.of Memphis Wind Ensemble, Dr. Kraig Alan Williams, 2005 U.of Memphis Symphony Orchestra, Dr. Pu-Qui Jiang, 2004
Karpathia	International Saxophone Symposium, Allen Rippe, 2011, Washington Bursa Symphony Orchestra, Orhan Şalliel, 2009, Bursa/Turkey U. of Memphis Wind Ensemble, Dr. Kraig Alan Williams, 2006,
Adventura	Akdeniz Üniversitesi Yaylı Çalgılar Topluluğu, Attila Kadri Şendil, 2011, Antalya/Turkey Akdeniz Üniversitesi Yaylı Çalgılar Topluluğu, Orhan Ahıskal, 2008, Antalya/Turkey Eduard Tubin Konseri, Orhan Ahıskal Ensemble, 2009, Kaş/Turkey String Orchestra, 2007, Dr. Lenny Schranze, Nashville/ABD Youth Orchestra, 2006, Dr. Jason Weinberger, Cedar Rapids/ABD

## *Chamber Music*

Gölge	Lullaby, Divorce und The Cats, 2016, Berlin/Germany
Chaopolis	Sierra Ensemble, 2022, San Francisco/USA Tam tấu, 2016, Vietnam Sierra Ensemble, 2012, Ankara/ Turkey
Yek	İstanbul Modern Music Ensemble, Kamran İnce, 2010, İstanbul/Turkey Contemporary Chamber Players, Kamran İnce, 2009, USA
Affordable Escape	Contemporary Trio, 2012, Borusan Müzik, Istanbul/Turkey Contemporary Trio, 2012, Athens/ Greece Contemporary Trio, 2011, Essen/ Germany Topology, 2010, ISCM World Music Days, Sydney/ Australia Lutz Koppetsch, 2009, Beirut/Germany Lutz Koppetsch, 2009, Cologne/Germany
Ex Oriente Lux	Kanun-Piano Duo, 2022, Istanbul/Turkey Solo Harp, 2021, Berlin/Germany Kanun-Piano Duo, 2016, Cairo/Egypt Kanun-Piano Duo, 2012, Paris/France Kanun Piano Duo, 2011, İstanbul, Eskişehir, İzmir, Ankara/Turkey
Shades of Mediterranean	CCP, 2009, World Saxophone Congress, Bangkok/Tailand CCP, 2007, Dirk Stromberg, Hanoi/Vietnam CCP, 2006, Iakovos Konitopoulos, İstanbul/Turkey CCP, 2006, Miltos Logiadis, Lamia/Greece CCP, 2005, Kamran Ince, Memphis
Mom! A Spider came out of my ear	Pierrot Ensemble, 2012, Xavier Pages i Corella, Barcelona/Spain CCP, 2007, Dr. Kraig Alan Williams, Memphis CCP, 2004, Prof. Kamran İnce, Memphis Royal Liverpool Philharmonic 10:10 Ensemble, 2004, London/UK
Circular Etudes	Bilkent Ensemble, 2010, Ankara/Turkey Bilkent Ensemble, 2011, Hamburg/ Germany
String Quartet	U.of Memphis Graduate Quartet, 2007, Corinth/USA Saygun Quartet, 2004, İstanbul/Turkey Miami Quartet, 2002, İstanbul/Turkey
Pantoral	Black Pencil, 2010, Istanbul, Ankara, Eskişehir/Turkey Black Pencil, 2010, Amsterdam/Netherland
Selma'nın Tılsımı	Aksak Duo, 2012, Konya/Turkey Tolgahan Çoğulu-Cihat Aşkın, 2010, İstanbul/Turkey Akdeniz Quartet, 2009, Antalya/Turkey

	İstanbul Gitar-Flüt Duo, 2009, İstanbul/Turkey
	Aksak Duo, 2012, Sacramento/USA
	Rahşan Apay Recital, 2009, Yerevan/Armenia
Karadeniz	Duo Mares, 2011, Amsterdam
	Duo Mares, 2015, Poland
	Duo Mares, 2017, Germany
Mesopotamia Suite	Marici Saxes, 2012, Surrey/UK
	Scandinavian Saxophone Festival, 2012, Norway
	Festa Europea della Musica, Akroama Sax Quartet, 2012, Italia
	Macedonian Saxophone Quartet, 2009, Thessaloniki/Greece
	Memphis Woodwind Quintet, 2007, Memphis
	Eastman Graduate Quartet, 2005, Rochester/USA

## *Solo Instrument*

Thumbnails	Jerfi Aji, 2012, Istanbul/Turkey
Ask your doctor before...	Samuel Carroll, 2006, Memphis/USA
Crown Dream of a Clown	Victor Santiago Asuncion, 2008, İstanbul/Turkey
	Arthur Hart, 2007, Memphis/USA
	Matthew McClure, 2003, Memphis/USA
	Jerfi Aji, 2002, İstanbul/Turkey
Mesopotamia Suite	Samir Mirzayev, 2016, Bursa Piano Festival
	Blas Gonzales, 2008, New Zealand
	Blas Gonzales, 2007, Missouri/USA
	Roland Steele, 2007, Austin,Texas/USA
	Blas Gonzales, 2006, Missouri/USA
	Blas Gonzales, 2006, Buenos Aires/Argentina
	Tolga Zafer Özdemir, 2005, San Antonio,Texas/USA

## *Arrangements*

Aman Bre Deryalar	Bursa Symphony Orchestra, 2009
Dağ Başını Duman Almış	Istanbul Symphony Orchestra, 2009
İhsan Özgen Anthology	Anatolia Ensemble, 2010
Seninleyim	Antalya Opera Orchestra, Umut Özbek, 2011
Kesitler	TRT Symphony Orchestra, Hakan Şensoy, 2012 Macedonia
	Bursa Symphony Orchestra, 2010
	Antalya Symphony Orchestra, 2010
	Antalya Symphony Orchestra, 2012
N. Andel Cello Concerto	Eskişehir Symphony Orchestra, 2009

NBE Arrangements

- Çukurova Symphony Orchestra, 2010  
Netherland, Wedding, Kinan Azmeh, 2016  
Netherland, Khan Baji, Mohseen Namjo, 2016  
Netherland, Davet, Atilla Özdemiroğlu, 2015  
Netherland, Djunadori, Anonymous, 2015  
Netherland, İstanbul Kopie, David Orlowsky, 2014,  
Netherland, Dance of Joy, David Orlowsky, 2013,  
Netherland, Gitti de Gitti, Orhan Gencebay, 2013,  
Netherland, Kürdili Hicazkar Longa, Kemani Sebu, 2013,  
Netherland, Rewend, Aynur, 2012,  
Netherland, Turquoise, Kamran İnce, 2006