



# Cihan Tuğrul Tezcan

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## EDUCATION

Ph. D. of Astronomy and Astrophysics

2017 — Expected: December 2022

*Ataturk University*

- Ph. D. Thesis: "Atmospheric Turbulence and Seeing Characterization of Eastern Anatolia Observatory"
  - Developing a combined autonomous system with GDIMM and MASS/DIMM systems
- Contribution as advisor to building and establishing derotator, active optics and adaptive optics systems.
- Contribution to meteorological observations as technician and data analyst

M. Sc. of Astronomy and Space Sciences

2007 — 2013

*Ankara University*

- Master Thesis: "Period Analysis Application of Eclipsing Binary Stars: ANGORA"
  - Developed a Python code for O-C analysis of eclipsing binary stars.
- GPA: 3.57
- Studied observational and data handling from various telescopes around Turkey.

B. Sc. of Astronomy and Space Sciences

2007 — 2013

*Ankara University*

- GPA: 2.84

## WORK EXPERIENCE

DAG - Eastern Anatolia Observatory

2017 — Present

*Project Specialist - Observational Astronomer*

- Improving and carry through astronomical observation systems at DAG includes 4 meter telescope (under construction) and 50 cm photometry telescope
- Responsible of astronomical observations execution
- Technical responsible for devices using for observations
- Data handling of meteorological and astronomical data.

Astromed Astronomik Ekipmanlar Ltd. Şti.

2015 — 2017

*Consultant Astronomer - Sales Expert*

- Telescope and systems, binoculars and microscope sales and tech support

- Installation of observatory, telescope mount assembly and tech support

## TÜBİTAK

2013 — 2015

### *Scholar*

- Scholar of TÜBİTAK Project: 115F033
- Gathering and analysis of spectrum data took from Turkish National Observatory RTT150 Telescope

## TÜBİTAK

2014 — 2015

### *Scholar*

- Scholar of TÜBİTAK Project: MFAG-113F266
- Technical support for searching observatory site in Turkey

## TÜBİTAK

2010 — 2015

### *Observer and Instructor*

- Observation experience with 100 cm and 150 cm telescope for photometry and spectroscopy
- Instructor at 17, 18 and 19. national sky festival organizations

## Ankara University Kreiken Observatory

2013 — 2016

### *Observer*

- Responsible of observations and technical support
- During work and education developed some small applications with Python and JAVA languages

## Private Nesibe Aydın Schools

2013 — 2014

### *Astronomy Teacher - Part Time*

- Popular astronomy education to students of elementary 1st to 5th grade.

## Institute of Theoretical and Applied Physics (ITAP)

2009 — 2011

### *Observer and Tech Support*

- Member of team who established ITAP Observatory with 35 cm telescope
- Instructor at public science events at ITAP

## acikbilim.com

2012 — 2015

### *Editor*

- Popular Astronomy editor of online, Turkish, science journal

## QUALIFICATIONS

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- Usage, design, assembly and developing of Telescopes, mounts, cameras and any other astronomy devices
- Developing hardware and software for data gathering and handling with Python Language
- Some experiences with C/C++, Django Environment, HTML and JavaScript
- Experience in;

- Windows, Unix and MacOS platforms
- Office applications
- Adobe Photoshop and Lightroom
- Google Sketchup
- Experiences with coding Arduino and Raspberry Pi Applications
- Familiar to working with engineers
- Fluent Speaking, Listening in English. Need more experience in writing.
  - IELTS (2016): 6.0

## ADDITIONAL

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- Happily married with an astronomer since 2017
- Military Service done
- Driving Licence: Class D and Class M
- Neither have any physical nor psychological obstacles work in hard conditions

## REFERENCES AND PUBLICATIONS

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References available upon request.

For publication list please visit my web page.