

**Şeyda Nur Yılmaz**  
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### Education

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**ISTANBUL TECHNICAL UNIVERSITY**  
Geophysical Engineering

İstanbul, Turkey  
October 2018 – June 2024

**BUYUKCEKMECE ATATURK ANATOLIAN HIGHSCHOOL**  
Focused on mainly formal sciences

İstanbul, Turkey  
October 2014 - June 2018

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### Experience

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**K-UTEC SALT TECHNOLOGIES**  
**Prospective Geophysical Engineering Intern**

Sondershausen, Germany  
2024 August – 2024 November

- Geophysical surveying and acquisition: seismic, electrical, magnetic and gravity
- Data processing and interpretation
- Creation of geological and geophysical model to simulate subsurface conditions, and forecast their behaviour under various conditions
- Assessing the potential of mineral, and salt resources

**GEOPHYSIK GGD**  
**Geophysical Engineering Intern**

Leipzig, Germany  
2023 July – 2023 September

- Application of seismic reflection
- MASW and electrical methods application in the field
- Processing and interpretation of the collected data
- Working with a group under the time management

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### Leadership & Activities

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**ITU GEOPHYSICAL ENGINEERING CLUB**  
**President**

İstanbul, Turkey  
2023 September - Continues

- Responsible for organizing events
- Investigation of financial supports and sponsorships
- Appointing tasks to the club members

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### Projects

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**INVESTIGATION OF SALT DOMES IN THE GULF OF MEXICO WITH SINGLE CHANNEL SEISMIC REFLECTION DATA**

İstanbul, Turkey  
2024 June

**Research/Graduation Project**

- Seismic reflection datasets were processed analysed to make them more interpretable using a program called Kogeo.
- Identifying the locations of the salt domes in the Gulf of Mexico in order to point prospective hydrocarbon exploration zones

## APPLICATION OF GEOPHYSICAL METHODS, PROCESSING, AND INTERPRETATION ON AN OLD COAL MINE

Çiftalan, Turkey  
2023 June

### Term Project

- SP, ERT, MT, VLF, and magnetic methods were applied on the field
- Data acquisition was maintained and processing's were performed
- Res2DInv and MATLAB were used to during the data processing
- Surfer was utilized to visualize subsurface conditions

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### Certification

- **Seismic Data Processing, University of Malaysia**
  - Fundamental understandings of seismic data acquisition and processing
  - Interpretation of processed data using data processing software

November 2023

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### Skills & Interests

**Technical:** MS Excel, Grapher, Surfer, SurfSeis, Kogeo, Vista, Petrel

**Language:** Native in Turkish, Fluent in English, Entry level of German

**Interests:** Reading books about philosophy, Playing guitar, Painting, Cycling