

Gülrihan DOLUYURT  
Meşrutiyet Mahallesi, Üniversite Sokak, No:2  
Işık University  
Sile / ISTANBUL 34980 Turkey



## **PERSONAL INFORMATION**

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Date & Place of Birth : May 1990 – Denizli / Turkey  
Citizenship : Republic of Turkey  
E-mail : gulrihan.doluyurt@isikun.edu.tr

## **EDUCATION**

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- 2018 - PhD student at Earthquake and Structural Engineering at Gebze Technical University  
Major academic courses highlights: Energy Based Design, Hysteretic Energy, Energy Demand Distribution, Mainshock-Aftershock Sequence-Type of Ground Motions
- 2013-2016 Master degree in Institute of Structural Engineering at Istanbul Kultur University  
Major academic courses highlights: RC Frame, Energy Based design, Steel Cushion, Energy Dissipation, Mainshock-Aftershock Sequence-Type of Ground Motions
- 2008-2013 Bachelors in Civil Engineering Engineering at Istanbul Kultur University  
Honors certificate for the 2.nd ranked student in B.S.  
Major academic courses highlights: Structural Dynamics, Structural Analysis, Steel Structures, Advanced Structural Analysis
- 2004-2008 Ataturk Anatolian High School / Natural and Applied Sciences

## **CONFERENCE PROCEEDINGS**

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- 10.2020 6th International Conference on Earthquake Engineering and Seismology Conference  
(6ICEES 2020)  
State of Art: Energy Based Seismic Resistance (Oral presentation, First Author)  
Gebze / Turkey
- 09.2019 VI. International Earthquake Symposium (IESKO 2019)  
The Use of Energy Dissipation Mechanisms on Reinforced Concrete Frame to Absorb Seismic Event Series (Oral Presentation, First Author)  
Kocaeli / Turkey
- 09.2018 13th International Congress on Advances in Civil Engineering (ACE 2018)  
Use of Steel Cushions Mechanisms on Reinforced Concrete Frame as Energy Dissipation Mechanism (Oral presentation, First author)  
izmir / Turkey

05.2018 GTU Graduate Studies Symposium and Publicity Days (GTU 2018)

Steel cushion assemblies in the dissipation of earthquake energy transferred to framed systems (Poster Sessions, First author)

Gebze / Turkey

#### **WORK & RESEARCH EXPERIENCE / INTERNSHIP**

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10.2021-recent **Researcher Assistant (Istanbul/TURKEY)**

“Betonarme Çerçeve Sistemler için Enerji Esaslı Sismik Tasarım ve Değerlendirme Yönteminin Geliştirilmesi” 121M713 coded TUBITAK Research Project.

03.2019-recent **Teaching Assistant at Işık University (Istanbul/TURKEY)**

Department of Civil Engineering

09.2013-11.2018 **Teaching Assistant at Istanbul Kultur University (Istanbul/TURKEY)**

Department of Civil Engineering

07.2012-09.2012 **Site Engineer at Doğu Construction and Trade Inc. (Istanbul/TURKEY)**

Construction and Electromechanical Works of Üsküdar-Ümraniye-Çekmeköy Subway

06.2012-07.2012 **Intern at Doğu Construction and Trade Inc. (Istanbul/TURKEY)**

Construction and Electromechanical Works of Üsküdar-Ümraniye-Çekmeköy Subway

06.2011-07.2011 **Intern at ÖZYAZICI Construction and Trade Inc. (Istanbul/TURKEY)**

Project of Nish Adalar / Site Engineer

#### **COMPUTER KNOWLEDGE**

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- OpenSees
- Python
- MATLAB
- SAP2000
- ETABS
- IDECAD
- STA4CAD
- AutoCad
- Seismosignal

#### **FOREIGN LANGUAGE**

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- English
- German (Intermediate)

## **DEPARTMENT COURSES ASISSTED**

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Reinforced Concrete I, Structural Analysis I-II, Statics, Strength of Materials I-II, Computer Aided Structural Analysis, Advanced Structural Analysis, AutoCad

## **REFERENCES**

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- **Prof. Dr. H.Faruk KARADOĞAN**  
İstanbul Technical University / Department of Civil Engineering  
Tel: +90 (212) 285-3751 | E-Mail: karadogan@itu.edu.tr
- **Prof. Dr. Yusuf Hatay ÖNEN**  
İstanbul Kültür University / Department of Civil Engineering  
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- **Prof. Dr. Faruk Yükseler**  
Yıldız Technical University, Faculty of Engineering  
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- **Assist. Prof. Dr. Ahmet Anıl Dindar**  
Gebze Technical University - Faculty of Engineering  
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- **Hasan Hüseyin ÖZBENLİ, Senior Consultant**  
Savunma Sanayii Müsteşarlığı / Undersecretariat for Defense Industries  
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