

## Res. Asst. Ferhat Ekin

### Personal Information

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### Education Information

Doctorate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2017 - Continues

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2017 - 2021

Postgraduate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2014 - 2016

Undergraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, Turkey 2008 - 2013

### Certificates, Courses and Trainings

Other, ANSYS FLUENT Kursu, Makine Mühendisleri Odası (MMO), 2019

Vocational Course, CNC (Computer Numerical Control) Programcılığı, İstanbul İl Özel İdaresi (ÖZİMEK), 2012

Vocational Course, CNC (Computer Numerical Control) Operatörlüğü, İstanbul İl Özel İdaresi (ÖZİMEK), 2012

Vocational Course, Kaynak Teknolojileri Kursu, İstanbul İl Özel İdaresi (ÖZİMEK), 2011

### Dissertations

Postgraduate, Bir Gemi Dizel Motorunda İşletme ve Dizayn Parametrelerinin Performans ve Emisyon Değerleri Üzerindeki Etkilerinin Sayısal Olarak İncelenmesi, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, 2016

### Research Areas

Fluid Mechanics, Alternative Energy Resources, Heat and Mass Transfer, Fuels and Combustion, Internal Combustion Engines, Computational fluid dynamics, Ship Machines

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, 2014 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- I. A Numerical Study about the Effects of Amount of Intake Air Humidity and Different Injection Strategies on Performance and Emission Values in a Turbo-Charged Diesel Engine  
Ekin F.

CONGRESS ON THERMAL SCIENCE AND TECHNOLOGY , Kocaeli, Turkey, 11 - 14 September 2019, pp.200-210

II. **A Numerical Study of the Effects of Spray Angle and Swirl Ratio on Combustion and Emission of Diesel Engines**

Ekin F., Kafalı M.

INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, Kastamonu, Turkey, 26 - 29 April 2018, pp.581