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NAME-SURNAME : Ceren GENÇ
BIRTH DATE : 17.06.1987
BIRTH PLACE : Kocaeli / Turkey
MARITAL STATUS : Single
DRIVING LICENSE : B & A2 class
MILITARY SERVICE : Completed



EDUCATION:

2015 – ... **Sakarya University MSc**
Mechanical Engineering
(Department of Heat Technology & Energy)

2005 – 2010 **Kocaeli University BSc**
Mechanical Engineering
(Department of Heat Technology & Energy)

LANGUAGE KNOWLEDGE: English, German

EXPERIENCE:

2013-Present SES3000 CNC – Simulation Products Consultant and Project Coordinator

Service and supporting all customers have SOLIDWORKS Simulation products (FEA and CFD)
Solving complex or high-profile analyses beyond in-house expertise

2012-2013 ASTRA MEDİKAL - Project Coordinator

In the urology field, Indwelling Urethral Catheter designs have been developed for the patients with urinary incontinence. 2 products have been developed in this field and the final designs have been finished, ready for clinical trials.

We have completed:

2 Projects of TUBITAK 1507
1 national and 5 international, in total 6 Patents applications
2 National Publications

Responsibilities:, Creating Business Model , Planning and Monitoring of the Project Process, Designed Models , FEA&CFD Analysis

Project Coordinator

TÜBİTAK 1507 R&D Program
FOR LOW URINARY SYSTEM, OTO. CONTROL VALVE CATHETER - 7130828

Project Coordinator

TÜBİTAK 1507 R&D Program
FOR LOW URINARY SYSTEM, REMOTE CONTROL VALVE CATHETER – 7141201

Patents of my own

AUTOCONTROLLED , INSIDE VALVE LOCATED , RESERVOIR VALVE CATHETER USED BY LOW URINERY SYSTEM

Patent Number 2013/08278

AUTOCONTROLLED , INSIDE BALLOON LOCATED , RESERVOIR BALLOON CATHETER USED BY LOW URINERY SYSTEM

Patent Number 2014/06348

BALLOON UNIT SERVES AS VALVE ,LOCATED BY INSIDE RESERVOIR CATHETER

Patent Number 2014/06399

National Biomedical Device Design and Manufacturing Symposium (UBİCTUS 2016)

Analysis of Total Errors and Uncertainties on Electromagnet Triggered Micro Valve Design

1st International Mediterranean Science and Engineering Congress

A novel application of Chitosan Hydrogel for eliminate biofilm formation on Urethral Catheters

Deniz İsmik* , Sevil Yücel, Melis Özgen , Ceren Genç

2010-2012 A-Ztech Ltd. Şti. - CAE Application Engineer

Turkey distributor of the product of the CD-ADAPCO, STAR-CD & STAR-CCM+ and product of the SIMULIA, ABAQUS;

Responsibilities: Technical support to users; Training at company and universities; Preparing training examples and documans, Worked for following projects of Computational Fluid Dynamics (CFD):

PROJECTS:

- Hydrodynamics&Hydroacoustic analysis of the flow around the ship's propeller – *ITU Faculty of Naval Architecture Engineering*
- Calculation of U-Bot's drag & lift force and movement analysis – *ITU Solar Boat Team U-Bot project*
- Four-stroke diesel engine, heat transfer and fluid dynamics analysis – *YTU Faculty of Mechanical Engineering*
- Heat diffusion in the room, depending on the change in the design of the radiator and examination of the thermal efficiency of the radiator – *Tubitak MAM Energy Institute*
- The extent of benchmark that prepared with **Arçelik Co.**; fan cfd analysis, valve in the piston of compressor, fluid- structure coupling analysis with the it's volume of fluid.

Given Trainings:

STAR-CCM+ BASIC & ADVANCE COURSE

Istanbul Technical University

Faculty of Aeronautics and Astronautics Engineering
Faculty of Naval Architecture and Ocean Engineering
Faculty of Mechanical Engineering
Automotive MSc Programme

Kocaeli University

Department of Mechanical Engineering

Erciyes University

Department of Mechanical Engineering

Kırıkkale University

Department of Mechanical Engineering

Türk Traktor A.Ş.

R&D Department

YILDIZ Technical University

Faculty of Mechanical Engineering

Ford OTOSAN A.Ş

Powertrain Installation, Fuel system

Middle East Technical University

Department of Aerospace Engineering

ABAQUS BASIC COURSE

Istanbul Technical University

Faculty of Aeronautics and Astronautics Engineering
Faculty of Civil Engineering

Kocaeli University

Department of Mechanical Engineering

PUBLICATIONS, FREELANCE PROJECTS AND ORGANIZATIONS

7th International Advanced Technologies Symposium(IATS'13)

Numerical Analysis of the Effect of Settlements from instrumental Wind Turbine Farms
A.Yurtseven and C.Genç

SOLIDWORKS BASIC+ADVANCE TRAINING 17.17.2013-17.17.2013

EDUCATOR

was organizationed by SOLIDWORS TURKEY , yenibiris.com and BEMAR EDU. CENTER

Orsan Enerji A.Ş.

Datum Ar Ge Ltd Sti

Hydrodynamics Analysis of New Designed Water Mill
Flow Analysis around Mumbai Island

Hydrodynamics Analysis of Fishing Boat

Arkoç Vana A.Ş.

MIKROHES Ltd. Şti

Alternating Butterfly Valve Design and CFD&FSI Analysis

Archimedes Turbine Optimization and CFD Analysis, Validation

COMPUTER SKILLS:

STAR-CD / STARCCM+
ABAQUS
JAVA

AUTOCAD
FORTRAN
SOLIDWORK

SOLIDWORK SIMULATION/FLOW
SIMULATION
MICROSOFT OFFICE

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<http://tr.linkedin.com/pub/ceren-genc/39/366/780>

REFERENCES:

Prof. Dr. Tahsin Engin
Prof. Dr Cem Soruşbay
Prof. Dr. Alican Takinacı
Doç. Dr. Hasan Karabay
Refik Demirci

SAU/ADAPPTO
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ITU/ GİDB
KOU/Mechanical Eng.
SOLIDWORKS Turkey&Greece

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