PERSONAL INFORMATION

İbrahimcan Görgülü

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Sex Male | Date of birth 02/07/1992 | Nationality Turkish

EDUCATION

2015 - …   **Izmir Institute of Technology**
M.S. In Mechanical Engineering Dep.
Izmir, Turkey

2010-2015   **Gediz University**
B.S. In Mechanical Engineering
Izmir, Turkey
Top Student Of Faculty
2011-2015 High Honour Studentship
3.95 / 4.00 GPA

2014   **CERN (The European Organization for Nuclear Research)**
Summer Studentship Programme
Geneva, Switzerland

WORK EXPERIENCE

FEB. 2016-JUNE 2016   **Research Assistant - Izmir Institute of Technology**

Mechanical Engineering Dep.

SEP. 2014 - FEB. 2016   **Metrosan – R&D Engineer- R&D Department**
Manisa - Turkey

Worked as R&D Engineer in Spinal Implants Manufacturing
Duties conducted;
- Designing (3D Modelling Implants, Surgery Tools, Fixtures by using Solidworks)
- CNC Machining (3 and 4 Axis Machining by using Solidcam)
- Finite Element Analysis (In Accordance with ASTM Standards by using Solidworks Simulation and ANSYS Workbench)
- Technical Drawing (by using Solidworks)
- Quality Process Control
- Production Process Control
- Animation (with Blender)

PROJECTS INVOLVED

Projects;

- A Novel Corpectomy Mesh – 2016 (Ongoing)
  (Buckling resistant Spinal Corpectomy Mesh Implant)

- A Novel Dental Implant -- (Design Assistant) – 2015 (Ongoing)
  (Ti6Al4V titanium alloy dental implant design for increased adherent surface.)

- A Comparative FE Analysis of Commercially Used Ti6AL4V Transverse Connectors – 2015(Ongoing)
  (Conference paper)

- Naturel Convective Jet Propeller for Boats –(Designer)– 2015 (Completed)
  (B.Sc. thesis project. An additional system to use unused fuel heat energy to increase propelling of large scale ships.)

- Biomimetic Flows – 2014 (Completed)
  (Research project – a review article.)

- CERN – LAGUNA Project—(Design Assistant)—2014 (Completed)
  (CFX Analysis with Ansys Workbench)

- Tubitak Electro Mobile Races –(Shell Designer)– 2014 (Completed)
  (Shell Design by using Catia and Ansys Fluent)

- A New Passive Cooling Technique On Buildings –Tubitak 1002 Project– 2014 (Resigned)

Course Projects;

- Sound Localization With 2 Microphones Using PIC 877A – 2016(Completed)
- Aerodynamic Analysis of a Plane via Numerical Methods on MATLAB– 2013 (Completed)
- Cooling System For Solar Panels – 2013 (Completed)
- Solar Panel & Wind Turbine Hybrid System Modelling – 2013 (Completed)
- Electricity Generation From Marine Currents – 2012 (Completed)

TRAININGS TAKEN

- ISO 9001 2008
- OHSAS 18001 2007
- ISO 14001 2004

SYMPOSIUMS ATTENDED

- Turkey Innovation Week –Istanbul- – 2014
- 3rd International Symposium on Computing in Science and Engineering - 2012

LANGUAGES

Turkish (Mother Tongue)

English (Fluent)

Japanese(Beginner)

COMPUTER SKILLS

- Solidworks 2016 (Solid-Surface-Sheet Metal-Simulation-Technical Drawing): Expert
- Catia V5 (Imagine & Shape): Expert
- Ansys 15 Workbench (CFX and Static Structural): Advanced
- Solidcam 2015 (3 and 4 Axis Machining): Advanced
- MATLAB 2012 (Coding): Intermediate
- Wolfram Mathematica 9: Intermediate
- C Programming Language: Beginner
- Blender (Animation - Render): Beginner
- Microsoft Office Tools: Advanced
- Open Office: Intermediate
- Windows OS: Expert
- Linux OS: Beginner

JOB-RELATED SKILLS
- Data Analysis and Classification
- Information Processing
- Computing
- Research

OTHER SKILLS
- INTP Personality (Introverted iNtuitive Thinking Perceiving)
- Quick learner
- Punctual
- Follow directions
- Assemble - make things

SEMINARS ATTENDED
- Body Language
- Effective Speaking
- Diction

INTERESTS
- Illustration and Sketch
- Playing Piano (Beginner)
- Hiking
- Reading