

**TURKISH REPUBLIC  
GOVERNORSHIP OF ISTANBUL  
ISTANBUL SCIENCE AND ART CENTER**

**Number : 200.99/**

**25/10/2014**

**Subject: Letter of Reference-Orkun Bulut DUMAN**

To Whom It May Concern

Our institute is an education foundation for highly gifted children and is connected to the Ministry of Education. Our student profile consists of participants who have scored over 130 in the WISC-R IQ (*Wechsler Intelligence Scale for Children-Revised*) test. Our institute gives gradual, project based education. Students can expertise in different areas of their choice.

Orkun Bulut Duman has signed up for the Information Technologies unit in 2007 and has taken part in many projects in different areas. He has performed the best in these projects, and has become a model student.

With his success in theoretic and academic studies, suitability for group work, and responsible attitude, he has stood out in every scenario. Outside of educational activities he has drawn attention with his ethical character, genuine ideas and innovative qualifications.

Besides, Orkun can use independent research and development skills effectively. He is experienced in literature search and scientific article writing.

During projects Orkun has assumed a leadership role and distributed necessary tasks to the team members to accomplish their common goal. This effort of his was well received and accepted among the team members. His motivation for the team's success and good management skills are of unmeasurable value. We highly believe that he will be very successful in the rest of his academic life.

During his studies he learned binary language, logic gates, digital electronics, C, C++, Visual Basic, HTML, Assembly, SQL. And took part in many projects, some of which are listed as below:

- He built sumo robots, line-following robots and robot arms. He designed a site to promote sumo robot tournaments in Turkey which taught how to build sumo robots (with videos where Orkun is the speaker), had a 3D sumo robot designing page and took sumo robot orders from customers.
- He took part in designing and building a portable pressure gun which shot water bottles using air and water pressure.
- He ranked first in the egg dropping tournament where the goal was to build a small vehicle for chicken eggs which would protect them from breaking when they are dropped from 12m high.
- He built a practical windmill system, placed on the roof top, which powered floor illumination and stored the energy when not needed.
- He built an electricity generating draught inducer with the physics department which won the Marmara region honourable mention award at the nationally recognized "Bu Benim Eserim", competition.
- During his last years and after graduation, he contributed to the institute by giving IT lessons to new students.
- He will be applying patent for his Digital Education Kit. The kit is a useful tool to teach kids about binary language, logic gates and PIC's.

Considering his capabilities we highly recommend Orkun for any university. If you have any further questions please do not hesitate to contact us.



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