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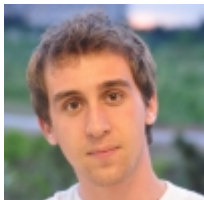
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## Yigit Demirag <sup>[1]</sup>

### Biography:

Yigit Demirag is currently in his third year of undergraduate studies at Department of Electrical and Electronics Engineering at Bilkent University, in Turkey. As an undergraduate, he developed an unsupervised machine learning algorithm requiring advanced signal processing for THz-TDS system in Nanotechnology Research Center, which resulted in a patent preparation. He also worked at BiLCEM supercomputers which doubles the world record in computational electromagnetic to improve load-balancing and reduce memory usage with openMP. During his stay at CERN, he is working on vectorization and SIMD optimization of Random Number Generators on Intel's Haswell Architecture.

### Photo:



<sup>[1]</sup>

### Active person:

Active person

### Summer Student Year:

2014

### First Name(s):

Yigit

### Last Name(s):

Demirag

### Years working at openlab-related job:

June, 2014 to August, 2014

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