

## UNDERGRADUATE STUDENTS

**Project Title:** The Cyber Junkyard Challenge 2012

The Cyber Junkyard Challenge is an annual competition sponsored by Siemens, Festo and LappKabel. This year's competition was an automated warehousing system (Pictured alongside). The objective of the warehouse solution was to identify and expediently stack blocks, which come in on a conveyor, onto warehouse shelves. An order can then be placed and the system is able to produce the order in sequence to the exit conveyor. The DUT team, named 'ALPHA Automation', successfully competed at the event held in Muldersdrift, Johannesburg in October 2012.

The completed system is now housed at DUT for demonstration and teaching purposes.

The students involved with this project were:

Ciaran Thandroyen (Team Leader)	NDip Mechatronic Engineering
Yusuf Vawda	NDip Mechanical Engineering
Mfundo Mkhungo	NDip Mechanical Engineering
Shikar Sewnath	NDip Mechanical Engineering
Saiveer Allopi	NDip Mechatronic Engineering

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