

# David Toth

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A 1<sup>st</sup> year Computing (AI) student looking for the summer internship position in algorithm development or computer programming. The sectors of main interest include education, research, science and AI.

A search for splendour and perfection define my being. I believe that everything in our lives is meaningful only if it is based on the strong foundations. Therefore, we always have to learn, be opened to a change but never giving up our ideas.

## Education

2010 – 2014 Imperial College London – Computing (Artificial Intelligence)  
2009 – 2010 Coventry University – Mathematics and Computing

## Skills and passions

Algorithms and data structures	Programming Competitions (at national level)
Favourite languages	C / C++
Other languages	Basic, Pascal, Haskell, Java, Matlab
Web development	CSS, JavaScript, PHP, MySQL, AJAX
Other tags	Apache, CISCO, Linux

<i>Most interesting programs</i>	Compression tool, Talking to computer, Personality detector, A walk through the Universe, Encrypting tool, Architecture, Music Creator
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Little successes	age 2	Pyramid from LEGO
	age 11	First programs in Basic
	age 15	Learn Irregular Verbs program for my primary school
	age 19	AI program learning functions based on input and output

Other competitions	Mathematics, Physics, Chemistry, Literature, Drama
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## Interests

Literature, psychology, drama, philosophy, religions, history, music  
Strange it may seem, but understanding of ideas in the language, poetical meanings, behaviours of people, the uniqueness in the order of the sounds gift me with creativity and insight, especially in AI. To be honest, because of so many interests it was difficult for me to choose the right subject. But then I thought: “Robots can do anything.”

## Vision

I would like to deepen my understanding of the most fundamental ideas in mathematics and logic, generalise the system of reasoning and prepare the way for the future generation of AI.