

Ádám Urbán curriculum vitae

Education

Imperial College London

Oct 2017 -

Electronic and Information Engineering

London, UK

- C++, Assembly, Digital Electronics, Analysis of Circuits
- Elected Academic Representative for year one
- Submitted 2 proposals for improving the student experience

Gymnázium, Poštová 9

Sep 2013 - June 2017

High School - mathematics specialised

Košice, SLOVAKIA

- Top 1 high school in Slovakia
- Excellent graduation results (GPA 4.0)

Experience

Promiseo

Jul 2017 - Sep 2017

Web developer intern

Košice, SLOVAKIA

- Front-end development of websites and newsletters
- Automation of development workflow using Gulp.js
- Configuration of WordPress and plugin development

Young Physicist Team

Sep 2014 - Feb 2017

Captain - Teamleader

Košice, SLOVAKIA

- Leader of 23 members, organization of team activities
- Rapid growth of the team during my tenure: **from 5 to 23**
- Open-ended physics problems, computer simulations

Coding

Advanced

C++,
HTML, CSS, JS,
jQuery

Acquainted

Java, Python,
PHP, Pascal,
Assembly

Tools & other

Git, gulp.js, Front-end
ARMworkflow, WordPress,
Regex, Linux

Competitions and awards

RoboCup Junior

2nd place Cospace Rescue

2017 Nagoya, JAPAN

Complex map navigation algorithm written in C (and Kotlin)

2nd place Cospace Rescue

2014 João Pessoa, BRAZIL

3rd place Superteam Rescue

2013 Eindhoven, HOLLAND

International Young Physicist Tournament

Silver Medal

2016 Ekaterinburg, RUSSIA

Research on the Van der Pauw method

Silver Medal

2015 Korat, THAILAND

Research on self-made Galena point-contact diode

Land Rover 4x4 in Schools

10th place

2016 Coventry, UK

Designed and built a remote controlled car

FIRST LEGO League World Festival

3rd most innovative project

2015 St.Louis, USA

Complex Lego Robotic competition, built an intellignet bin

Physics olympiad

successful participant of the National Final

2015, 2016, 2017


St. Gorazd Plaque of the Ministry of education


Award for top students of Slovakia


2015 and 2016


Leaf Talentguide


Contacts

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Projects

Alphabox C++, Linux, Python

Intelligent bin for compressing plastic bottles. Powered by Raspberry Pi and Arduino.

FencingMaster Java

Built a platform for fencers from scratch powered by Raspberry Pi.

RC Car

Design of a RC car control system and car body for the Land Rover 4x4 competition.

FBP C++, Java

Industrial control unit for measuring productivity of a factory manufacturing process. Backend based on Java.

Home server Linux, Apache

Set up a small home server powered by Raspberry Pi from scratch. Learnt basic Linux usage, installation of programs, system maintenance and scripting.

Languages

English Excellent

German Moderate

Hungarian Native

Slovak Native

Reference

Dr Massimiliano Cattafi

personal tutor & teaching fellow (computing) at Imperial College

 m.cattafi@imperial.ac.uk

Interests

Rubik's cube, Cycling, Reading, German language, History of post-war US presidents, Webdesign, UX/UI, Elementary programming: Assembly, Electronics

This CV was updated in Jan 2018