

EDUCATION

London, UK	Imperial College London	2017- Present
MEng in Electronic and Information Engineering. Key subjects:		
<ul style="list-style-type: none">- Software Engineering- Computer Architecture- Digital Electronics		
Imola, IT	Liceo Scientifico F. Alberghetti	2012 - 2017
School with a particular focus on scientific subjects (relevant disciplines: Math, Physics, IT and Science).		
Graduated with score 100/100 and a commendation. Full marks in all the exams.		
Consistent best academic performance among the students in my year between 2014 and 2017.		

EMPLOYMENT

Software Engineer, Intern	SpecialVideo	Summer 2016
<ul style="list-style-type: none">- Feasibility study for an OCR based application: developed an object-oriented software that performed OCR readings with three different libraries and compared their performances.- Strengthened team-working skills by collaborating with my colleagues and gained the ability to work in a high professional environment, respecting deadlines and carrying out my duties.		

PROJECTS AND ACTIVITIES

• Started to learn front-end web development (designed a web page about me and other little websites).	2017
• Developed several Telegram bots (e.g. a bot that alerts you when you receive a new Instagram or Facebook notification).	2017
• Followed an online course and several tutorials about artificial intelligence . Implemented feed-forward neural networks, Q-Learning algorithms, minimax algorithms and genetic algorithms (Python and C++).	2016-17
• Project "Voglia di Informatica": tutored a group of pupils of my school for around 100 hours in preparation for the Italian Olympiads in Informatics, teaching them algorithms and data structures in C++.	2016-17
Several students achieved outstanding results.	
Gained strong communication and teaching skills from that experience.	
• Attended two full-immersion Informatics courses about algorithms and data structures with the other top 20 Italian Informatics Olympiads contestants.	2016

AWARDS

• School bursary for the Project: "Voglia di Informatica".	2017
• 13 th position at Italian Individual Informatics Olympiads (top 0.01% over 20'000+ contestants).	2016
• 6 th position at Italian Informatics Olympiads for Teams (top 3% over 200+ teams).	2016
• 12 th position at Italian Natural Science Olympiads (top 0.01% over 25'000+ contestants).	2014

TECHNOLOGIES AND SKILLS

- Programming languages: C++, Python, SQL (basic knowledge), HTML, CSS, JavaScript.
- OCR libraries: Halcon, Matrox Imaging Library.
- Artificial Intelligence libraries: Tensorflow (beginner), Keras (beginner).

LANGUAGES

- Italian (native).
- English (advanced knowledge).