Héctor Ávila Sánchez

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Profile

 I am an engineering student studying a double degree in electronics and robotics. I love anything related to physics   and technology and love learning anything new. This passion for learning and developing allows me to become a leader and lead   or to follow instructions or directions because as long as I'm working or learning I'm happy and willing to tackle any kind of obstacle or challenge. Any new knowledge fascinates me because the more I learn the more I can do and while I'm learning my mind goes everywhere and I get all sorts of crazy ideas of things that I can make and the things that I can start learning and understanding thanks to that knowledge and honestly when I'm learning or working without any distractions, that's when I'm the happiest.

Education

St Philip Howard Sixth Form (September 2019 - July 2020): 2nd of bachillerato ÍES Jorge Manrique (September 2020 - May 2021)	Universidad Europea of Madrid, electronics, and robotics engineering degree(2021-present): grades
Mathematics: B	1st year: 6.89
Spanish: A	2nd year:
Physics: A	3rd year:
Chemistry: B	4th year:
Homologation to the Spanish system: 9/10	
Biology: 5	
Science of the environment: 9	
Physics: 5	
History of Spain: 5	
Advanced Spanish literacy 2: 6	
Mathematics 2: 6	
Advanced English: 9	
Chemistry: 6	
Mean for 2nd of bachillerato: 6.375	
Cambridge level 2 certificate (advance): B(196)	
Overall mean for the 2 years of bachillerato: 7.7	**Overall grade for the degree: —**

Experience

GLOBAL CLASSROOMS MADRID (2018)

I took part in the model UN global classrooms held in Madrid in 2018 in a team of ten people where I managed to make my way through to the finals. Where I had to:

Deal with many different types of people to get my point across and get my ideas to be approved by more than 80% of the delegations present

Speak in public and persuade multiple people that my idea was what they wanted and the right thing to do

Improvise and overcome any obstacles in the way like someone interrupting my speech with a question being able to answer them correctly

Be able to take charge and lead my team.

MY OWN PROJECTS (2014-PRESENT)

I work on my own projects and ideas whenever I can and learn as much as possible every day to be able to develop new things and improve upon my projects and ideas. My PCB projects are currently being sponsored by Pcbway (https://www.pcbway.com).

My projects can be seen at my github: https://github.com/superhasduper and photos of some of my projects can be viewed in my instagram: @superhasduper

Hobbies and interests

Personal fitness and self-improvement

Developing my projects

Theoretical physics

PCB design, 3D design, programming, disassembling and reassembling things to see how they work.

Video games and movies

Mechanisms and electronic circuits

Learning new things on any of my hobbies and interests

TECHTALENTS (2015-2018)

I studied in Techtalents (https://www.techtalents.es) in Madrid for 3 years where I learned many different skills:

Programming in many different languages

Product design

PCB design

Robotics

Arduino

App and game development

The ability to learn new programming languages and concepts very quickly and easily

I also took part in many projects within this academy and participated in multiple competitions with their sponsorship like the World Robot Olympiad and the Robocup.

EXTRA CURRICULAR AT IES CARMEN MARTIN GAITE (2015)

I taught robotics and app development to younger students for a full year during the free lunch periods in the high school IES Carmen Martin Gaite in moralzarzal Madrid.

Skills

Leadership skills and people skills

I have a Curious mind

I Like to learn new things

Native level speaker in Spanish and English

Highly proficient at Mathematics

Programming skills and knowledge

Mechanical knowledge

Electronics knowledge

Proficient in CAD software

Proficient in programs/software in Mac OS and Windows 10