

Héctor ANTONA

PERSONAL DATA

PLACE AND DATE OF BIRTH: Barcelona, Spain | 28 May 1999
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WORK EXPERIENCE

CURRENT 2021 Internship in Bamboo Energy as Software Developer for a period of six months

EDUCATION

2020-2021 Completed 4th year of Telecommunications Engineering and Informatics Engineering into the CFIS program in the UPC
Highlighted subjects: PROBABILITY AND STATISTICS 10(WH), IMAGE AND VIDEO PROCESSING 9.4, COMPUTER VISION 9.0

JULY 2017 Local and International Baccalaureate coursed in Aula Escola Europea into the CiMs CELLEX's scholarship program

SUMMER 2014 Individually Paced Mathematics Sequence course at the John Hopkins University Center for Talented Youth - Baltimore, USA

RESEARCH EXPERIENCE

2020 Worked on cybersecurity systems using Deep Learning techniques for IoT devices in UPC's Computer Architecture's department and benefited under the collaboration MEC (Ministry of Science and Education) scholarship

LANGUAGES

SPANISH: Mother-tongue
CATALAN: Mother-tongue
ENGLISH: Advanced
FRENCH: Upper Intermediate

COMPUTER SKILLS

Basic Knowledge: R, QTDESIGNER
Intermediate Knowledge: LATEX, JAVA, X86 ASSEMBLY LANGUAGE, OPENGGL, OPENMP
Advanced Knowledge: TENSORFLOW, KERAS, PYTHON, C/C++, UBUNTU, SQL, MATLAB, UML, EXCEL

AWARDS

2020 Earned the collaboration MEC (Ministry of Science and Education) scholarship
2017 Admission to the CFIS program
2015 Admission to the CiMs CELLEX program
SUMMER 2015 UPC Mathematics Summer Camp
MAY 2015 Passed the SAT exam
2012-14 10th ESTALMAT's promotion (Estímul del Talent Matemàtic) scholarship program at UPC
2013 SCAT (Scool and College Ability Test) with a mark of 505 (Advanced level)
APRIL 2012 Fem Matemàtiques 3d award