

BERNAT FELIP I DÍAZ

Ambitious graduate on Informatics and Telecommunications Engineering at CFIS, UPC. I completed my final degree thesis on deep learning applied to computer vision at MIT, which increased my interest on the topic. I also have training on team-working, management, leadership and other soft skills from all my previous work experiences.



CONTACT

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SKILLS

Programming

Python



- Experience with data analysis and visualization tools such as pandas, numpy, matplotlib, etc.
- Knowledge of deep learning with pytorch and tensorflow.

Javascript/Typescript



- Backend programming with Node.js and similar.
- Frontend app developing with React Native.

C & C++



Java



SQL



HTML/CSS



Languages

Catalan (native)



Spanish (native)



English (C2)



- C2 Proficiency (219/230) - March 2015
- TOEFL iBT (116/120) - December 2020

French (B1)



- DALF (89%) - 2015

Other skills & hobbies

- High level of piano studies and music education after attending 12+ years of weekly classes.
- Handball player at BM La Roca for the majority of my life.
- 50+ hours of trainings and seminars on leadership, team dynamics, communication, project monitoring and delegation and other soft skills.
- Attended a MUN in Stuttgart (Germany) in 2013 and organized a MUN in Barcelona in 2014.

EDUCATION

📅 02/2020 - 10/2020

📍 Massachusetts Institute of Technology (MIT), Boston

Final Degree Thesis

I completed my final thesis at the Vision group at CSAIL, MIT. During 9 months I conducted research on deep learning applied to computer vision under the supervision of Professor Antonio Torralba.

📅 09/2015 - 11/2020

📍 Polytechnic University of Catalonia (UPC), Barcelona

Informatics Engineering Bachelor's Degree

Focus on Computation - Final grade: 8.09/10

📅 09/2016 - 11/2020

📍 Polytechnic University of Catalonia (UPC), Barcelona

Telecommunications Engineering Bachelor's Degree

Focus on Telematics - Final grade: 7.92/10

📅 09/2016 - 11/2020

📍 Polytechnic University of Catalonia (UPC), Barcelona

CFIS Dual studies

After a year of studying Informatics Engineering, I got accepted into the Center for High Interdisciplinary Training (CFIS), which funded my second bachelor's degree on Telecommunications Engineering. I completed my studies with my final degree thesis at MIT. - Overall grade: 8.0/10

📅 09/2013 - 07/2015

📍 Escola Betània Patmos, Barcelona

Technological Baccalaureate

Final grade: 9.73/10 - PAU grade: 13.32/14

📅 07/2016

📍 BEST Warsaw, Warsaw

Attended a 10 day course on robotics in Warsaw (Poland).

📅 07/2017

📍 BEST Ghent, Ghent

Attended a 10 day course on 3D printing in Ghent (Belgium).

WORK HISTORY

📅 07/2019-10/2019, 07/2018-09/2018

📍 Goin, Barcelona

Full Stack Developer

Worked as a full stack developer for the fin-tech startup Goin. I worked on frontend using React Native and backend with Node.js and Python.

📅 07/2017-09/2017

📍 HP, Barcelona

Developer

Developed a testing tool for backend server-frontent-printer communication using Python.

📅 09/2016-09/2020

📍 BEST-UPC, Barcelona

Member, IT Coordinator, Treasurer

Member of the international student organization Board of European Students of Technology. I had many responsibilities including organizing international courses on technology, coordinating the IT team and managing the organization's accounting and taxes.

ACHIEVEMENTS, HONOURS AND AWARDS

📅 2020

Received scholarship from CFIS to conduct the final degree thesis at MIT.

📅 2016

Entered CFIS (Centre de Formació Interdisciplinària Superior) which paid for my second degree at university.

📅 2015

For my grades on the University Access Exam I got a special mention (Extraordinary prize of Selectivity and a scholarship from "Fundació-Catalunya-La Pedrera".

📅 2015

Graduated with honors from baccalaureate, which paid for my first year of university.