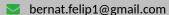
BERNAT FELIP I DÍAZ

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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Arc de Sant Martí, 5. La Roca del Vallès Barcelona, Spain

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
- 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 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

10/2020 10/2020

Massachussetts 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.

1 09/2015 - 11/2020

Polytechnic University of Catalonia (UPC), Barcelona

Informatics Engineering Bachelor's Degree

Focus on Computation - Final grade: 8.09/10

1 09/2016 - 11/2020

Polytechnic University of Catalonia (UPC), Barcelona

Focus on Telematics - Final grade: 7.92/10

Telecommunications Engineering Bachelor's Degree

11/2020 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

6 09/2013 - 07/2015

♀ Escola Betània Patmos, Barcelona Final grade: 9.73/10 - PAU grade: 13.32/14 **Technological Baccalaureate**

1 07/2016

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

₩ 07/2017

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

WORK HISTORY

1 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.

1 07/2017-09/2017

Developer

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

1 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".

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