Pedro Roig Aparicio

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Date of Birth: 14/Nov/1994
Phone: +34 687 390 965
Nationality: Spanish

WORK EXPERIENCE

Nov 2018 – Present   **Business Transformation Consultant (Graduate Entry), Life Sciences, IBM Global Business Services, Zürich**

- Supporting consulting projects for Healthcare and Life Sciences clients
- Implementation of predictive models by incorporating various statistical and machine learning techniques
- Opportunity management, project pricing and CRM process support

Mar 2017 – Jun 2018   **Temporary Product Specialist at multiple events, AMAG, Geneva, Zürich and Interlaken**

- Communication with existing and potential costumers (ENG, DE, FR, SP)
- Presentation of cars' features and the Brand's initiatives and values
- Direct contribution to sales, matching potential new clients with sales managers

Jan 2014 – Feb 2014   **Manufacturing Intern, Instalaciones Cedial S.L., Madrid**

- Internship accompanying the mechanical engineering bachelor program
- Learned several machining processes and material choosing guidelines
- Design and manufacturing of fire suppression systems, drinking water systems and drain pipes

EDUCATION

2018 – 2020   **ETH Zürich**
M. Sc., Mechanical Engineering
Focus: Robotics, Systems and Control

2013 – 2018   **ETH Zürich**
B.Sc., Mechanical Engineering
Focus: Biomedical Technologies
Bachelor Thesis in Microelectromechanical Systems (MEMS): "Cell secretome separation in microscale droplets using acoustophoresis"

July 2015   **London School of Economics and Politics**
Introduction to Econometrics
Summer School

2008 – 2012   **Swiss School, Madrid**
High School, Matura Diploma
Focus on Applied Mathematics and Physics

Sep 2010 – Mar 2011   **Kreisgymnasium Neuenburg, Baden-Württemberg, DE**
Exchange student

LANGUAGE SKILLS

English	Full Professional Proficiency – C1
German	Full Professional Proficiency – C2
Spanish	Native
French	Basic Competence – A2

VOLUNTEER EXPERIENCE

Sep 2015 – Aug 2016	**LSVZ (Latin Student Association of the ETH and UZH)** Member of the board
Sep 2016 – Aug 2019	**LSVZ (Latin Student Association of the ETH and UZH)** President of the board

ADDITIONAL INFORMATION

Extracurricular Activities	Private Lessons to Students in Mathematics, Physics and Chemistry, *LernOase Küsnacht* (May 2016 – Oct 2017) and *Individuelle Schulungen Evelyn Jossi* (Nov 2017 – Oct 2018)
Computer Skills	Python, COMSOL Multiphysics, CAD, MATLAB, MS Office, Wolfram Mathematica, C++
Hobbies	Sports (Tennis, Football, Skiing, Sailing), DJing, Traveling

Master Studies Summary:

During my master studies I centered in developing , with a strong focus in Data Science and Machine Learning. This

Master in Engineering with Focus in Data Science & Biotechnology Applications:

			Grade	ECT
Core Courses				
151-0593-00 S	Embedded Control Systems		5.25	4
227-0689-00 S	System Identification		5	4
227-0966-00 S	Quantitative Big Imaging: From Images to Statistics		5.5	4
151-0601-00 S	Theory of Robotics and Mechatronics		5	4
151-0306-00 S	Visualization, Simulation and Interaction - Virtual Reality I		5	4
252-0220-00 S	Introduction to Machine Learning		4.5	8
227-1046-00 S	Computer Simulations of Sensory Systems		5	3
Multidisciplinary Courses				
151-0575-01 S	Signals and Systems		4	4
151-0757-00 S	Umwelt Management		6	6
GESS Courses				
851-0735-10 S	Wirtschaftsrecht		5.5	2
Extra-Curricular Courses				
252-0535-00L	Advanced Machine Learning		4	8