

# Pipo Castaño

---

*Graduate M.Eng Mechanical Engineering*  
*Graduate MSc Computer Science*

## Personal details:

Address: 36 Cabul Road, Battersea, SW11 2PN

Telephone: +44 07393 823209

Email: fzcastan@gmail.com

GitHub: <https://github.com/fzcastan/Me.git>

A rigorous and dynamic engineering graduate who achieved a 2:1 in MEng Mechanical Engineering, as well as recently a Merit in MSc Computer Science, both from the University of Bristol. Native level speaker in English, French and Spanish. Can easily meet any deadline imposed and focus on tasks that cope with broad amounts of information and calculations. Very persistent when facing objectives. Very curious. Easily integrating within any team. Incredibly eager to delve deep in the field of software developing, AI and automation because of the creative and disruptive aspect of this field, as well as its inherent demand for a strongly logical mindset.

## Key competencies, skills and achievements

### Professional skills.

- Native speaker level in English, French and Spanish
- B2 level in Italian
- At ease with public speaking in any of the languages mentioned above
- Proficient in C
- Proficient in Object Oriented Programming (OOP) in Java and C++
- Proficient in Python, including pandas, especially when aimed at Natural Language Processing (NLP)
- Proficient in Unix/Linux Shell Scripting with Bash and POSIX
- Comfortable with JavaScript and TypeScript for Full Stack development
- Comfortable with SQL
- Comfortable in full MEAN (MongoDB, Express.js, AngularJS, Node.js) Stack, using RESTful API
- Comfortable with GitHub

### Personal skills.

- Incredibly friendly and positive
- Eager to learn
- Team player
- Initiative-taking
- Concern for accuracy
- Willing to overcome hardships

### Achievements.

- 14 years playing Rugby, a sport that cherishes the values of teamwork, effort, discipline, respect and sportsmanship
- Won 2014 Spanish Under-16 national championship by regions as captain
- Played for the Under-18 Spanish National team at the 2016 European Championship in Lisbon
- Lived in 5 different countries

---

## Academic qualifications

2020–2022 **Master of Science**, *University of Bristol*.

Computer Science, Merit (First in Dissertation)

2016–2020 **Master of Engineering**, *University of Bristol*.

Mechanical Engineering, Upper Second Class Honours

2001–2016 **Baccalaureate in Maths and Sciences**, *Lycée Français (Madrid, Bruxelles)*, top marks - mention "Très bien".

---

## Work and social experience

April 2022 - **Developer and Data Consultant**, DNASTREAM.

June 2022 ○ Study of the functioning of an Enterprise Data Analytics Platform for the delivery of a course aimed at forming people

Five weeks **Intern in the department of dynamic machinery**, CEPESA, S.A.U.

Summer 2018 ○ Role of ensuring the high quality of the engines bought

○ Improvement of my cooperation abilities in order to provide in-depth and efficient work

Five weeks **Maths, English and Sports teacher as a volunteer in the Fiji islands**, Think Pacific (UK Registered Charity).

○ Assisting children to overcome poverty by providing education and sports development

○ Significant development of my communication skills to be effective (30 minutes classes) and clear (language barrier)

○ Enhancement of a proactive attitude, requiring to quickly but effectively improvise lessons and exercises, taking action before being asked

○ Forward thinking skills to develop an effective teaching pattern

### Private Maths and Physics tutor.

○ In different occasions, since the age of 16

○ Developed communications skills

○ Gained interest in applying Maths and Physics from basic concepts up to more complex ones, in order to fully address problems

---

## References

Available on request