

Julián R. Marrades Furquet

<https://jcodingstuff.github.io>

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EDUCATION

MSc in Computational Science **2020-Present**

Major in Numerical and Mathematical Modeling

Uppsala University, Uppsala, Sweden

BSc in Data Science and Knowledge Engineering **2017-2020**

Summa cum laude: 9.38/10 GPA

BSc thesis: Abstracting and optimally staffing a real-life call center with multi-skill priority routing

Maastricht University, Maastricht, The Netherlands

International Baccalaureate Diploma **2015-2017**

Extended Essay: Does water droplet formation affect the power generated by a turbine?

IES Pere Boil, Manises, Spain

PROFESSIONAL EXPERIENCE

Teaching Assistant **2021-Present**

Uppsala University, Uppsala, Sweden

- Assisting the students of Scientific Computing I during practical sessions.

Junior AI Researcher **2018-2020**

APG Groeifabriek, Heerlen, The Netherlands

- Combining queueing theory and stochastic optimization to improve the call center system of APG
- Developing game theory models to improve customer satisfaction.
- Building a digital platform for more efficient investments in energy transition (ANET investment fund).

Student Ambassador **2017-2020**

InterUM, Maastricht, The Netherlands

- Representing my department in university fairs, open days, school visits, etc.
- Providing assistance during internal events at university.

IT Intern **2017**

Render, Valencia, Spain

- Building dynamic websites via API calls to a database.

- Server management and maintenance.

RESEARCH EXPERIENCE

Honours+ Student (Excellence programme)

2018-2019

Maastricht University EDLAB, Maastricht, The Netherlands

- Interdisciplinary research group formed by students of Data Science, European Law, Dutch Law, European Studies and Economics.
- Supervised by Dr. Eliyahu V. Sapir, Assistant Professor in Social Science Research Methods.
- Organized for the study entitled “Young voters of EU”, which aimed to understand the disconnection between the youth and European politics and to offer plausible solutions.

AWARDED GRANTS

Honours+ Challenge Research Grant

2019

Maastricht University EDLAB, Maastricht, The Netherlands

Amount: 500 €

Awarded for winning the Honours+ Challenge for the category “Europe & Globalizing World” thanks to the study “Young voters of EU”.

EXTRACURRICULAR ACTIVITIES

Educational content creator

2021-Present

jCode, YouTube

- <https://www.youtube.com/channel/UC7jYmc2qaAy8X4u1BxrQkfg>

Musician

2019-Present

Los Calabazas, Maastricht, The Netherlands

- Los Calabazas is a young music band formed in Maastricht.

Active member of study association

2019-2020

MSV Incognito, Maastricht, The Netherlands

- Poster design for student events.
- Yearbook design for our university department.

Graphic Designer

2018-2020

TENDA Grup, Valencia, Spain

- TENDA is a music band formed by 4 friends of mine.
- I was in charge of making their logos, banners, posters and concert tickets, which allows me to work remotely.