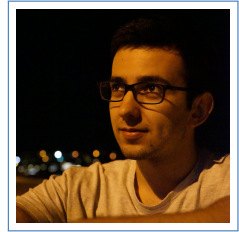


# Tomàs Ortega

## Curriculum Vitae

✉ [tomas.o.sc@gmail.com](mailto:tomas.o.sc@gmail.com)  
📁 [tomasortega.github.io](https://github.com/tomasortega)



I am a Mathematics and Telecommunications Engineering undergraduate. During my Telecommunications Engineering studies I have learned the essentials of Electronics, Signal Processing and Network Protocols. I am particularly interested in applying this knowledge to code. Also, I have greatly enjoyed my Mathematics courses, and I am interested in a variety of topics ranging from Complex Analysis to Discrete Mathematics and Algorithms.

You can take a look at my personal website [here](#), and my GitHub [here](#).

### Education

- 2015–present **Mathematics and Telecommunications Engineering**, *CFIS, UPC*, Barcelona.  
Currently finishing the fourth grade.
- 2013–2015 **Technological Baccalaureate**, *IES Angeleta Ferrer i Sensat*, Sant Cugat del Vallès,  
*Honors Degree*.

### Other Courses

- Summer Course - JAE School of Mathematics , organized by Yago Antolín and Mario García Fernández, ICMAT-UAM (2019)
- Winter Course - Game Theory, offered by Josep Freixas, UPC (2019)
- Winter Course - Introduction to Deep Learning, organized by Xavier Giró, UPC (2018)
- Summer Course - BarcelonaTech Mathematics Summer Camp, organized by Fundació Privada Cellex, UPC (2015)
- Coursera Course - Programming Mobile Applications for Android Handheld Systems, offered by Adam Porter, University of Maryland (2014)
- Summer Course - Algorísmia i Programació, offered by Salvador Roura and Jordi Petit, UPC (2014)
- Summer Course – Gràfics per ordinador, offered by Àlvar Vinacua, UPC (2013)
- Summer Course - Algorísmia i Programació, offered by Salvador Roura and Jordi Petit, UPC (2013)

### Languages

Spanish	<b>Native</b>	<i>C1 certificate</i>
Catalan	<b>Native</b>	<i>C1 certificate</i>
English	<b>Proficient</b>	<i>Cambridge Proficiency certificate</i>
French	<b>Good</b>	<i>Delf certificate</i>

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## Professional Experience

Summer of 2018 **Summer Internship**, *Working on task automation and parallelization, data analysis and reporting for Gas Natural Informatica*, BaseTIS, Barcelona.

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## Computer skills

- Programming Languages: C, C++, Java, Python, Ruby, Haskell
- Markup Languages: HTML, XML, LaTeX
- Operating Systems: Linux, Windows, Android
- Tools: AWS, Luigi, Docker, Dash, Jenkins, GitHub, Bitbucket, Heroku

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## Other Merits and Awards

- 2019 **Google Hash Code**, *1st team Spain*, 75th global.
- 2018 **Kernel Analytics Datathon**, *2nd place*, Accuracy when classifying Parkinson's Disease onset of symptomatology using sensor data.
- 2018 **Google Hash Code**, *1st team Spain*, 53rd global.
- 2015 **CFIS**, *CFIS scholarship*, awarded.
- 2015 **UAB - ARGÓ prize for excellence in a mathematics and programming project**, *awarded*, As part of my research project in high school I developed a free and open-source Android App called MAT. It allows users to solve some elementary maths problems and is available on Google Play - [click here to view](#).
- 2015 **Spanish Programming Olympiad**, *finalist*.
- 2014 **CIMS Cellex Program**, *shortlisted*.