

**Alfredo Hernández** 29<sup>th</sup> June, 1994

Last update on 25th November 2017

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## EXPERIENCE

**Centre de Recerca Matemàtica**

crm.cat

**Complex Systems Intern**

September 2017 — July 2018

My master's thesis (with Alvaro Corral and Isabel Serra as my thesis supervisors) consists on developing a new statistical method for the analysis of a hurricane's energy dependence with the sea surface temperature, whilst creating a unified hurricane occurrences dataset with real-time temperature tracking.

**Complex Systems Intern**

February — July 2017

My bachelor's thesis (with Alvaro Corral as my thesis supervisor) consists of the study of real hurricanes occurrences using some simple statistical models. The main skills I developed are:

- Data extraction.
- Programming.
- Statistical analysis.

**Computational Neuroscience Intern**

February — July 2017

Under the supervision of Alexander Roxin, I studied the macroscopic and microscopic description for networks of spiking neurons. The main skills I developed are:

- Mathematical analysis.
- Numerical simulations.

**Ubuntu GNOME**

ubuntugnome.org

**Marketing Lead**

April 2013 – present

As Ubuntu GNOME became an official flavour of Ubuntu, I started working on the branding to help build a powerful and recognisable image. Now, my team and I are in charge of all artwork and social-media-related aspects of this young GNU/Linux distribution.

My biggest accomplishments as the Marketing Lead have been:

- Collaborating with a wonderful team of talented people.
- Organising trademark agreements with the GNOME Foundation.
- With the help of others, giving the best desktop UX possible to our users.

**elementary OS**

elementary.io

**Software Localisator**

June 2010 – 2016

I used to contribute to the localisation of elementary OS, a GNU/Linux distribution. For 6 years I coordinated the Catalan and English (UK) Translators teams. I was also a member of the Spanish Translators team.

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## EDUCATION

**Universitat Autònoma de Barcelona**

CERDANYOLA DEL VALLÈS, SPAIN

**MSc in Modelling for Science and Engineering**

2017 – 2018

**Bachelor's degree in Physics**

2012 – 2017

**Institut de Vic**

VIC, SPAIN

**Baccalaureate diploma in Mixed Sciences**

2010 – 2012

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## CERTIFICATES

### Ubuntu

#### Ubuntu Membership

*5th of May 2016*

Official Ubuntu Membership means recognition of significant and sustained contribution to Ubuntu or the Ubuntu community. In particular, of my continuous collaboration in Ubuntu GNOME.

### The Linux Foundation

#### LFC291-Compliance Basics for Developers

*5th of April 2016*

Because open source is now found everywhere software exists, a good working knowledge of open source licensing and compliance is critical.

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## COMPUTER SKILLS

**Advanced:** GNU/Linux, L<sup>A</sup>T<sub>E</sub>X, Inkscape.

**Intermediate:** Python, R, Mathematica, git, GIMP, Spreadsheets, Windows.

**Basic:** Bash, awk, SQL, C++, bzip2, MATLAB, C, Jekyll, HTML, CSS.

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## OTHER INFORMATION

**Natural languages:** Spanish (*mother tongue*), Catalan (*mother tongue*), and English (*professional working proficiency*).

**Interests:** cinematography, etymology, art, literature, mathematics, music, open source, cooking, typography, and UI/UX-design.