

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

Last update on 22nd April 2018

aldomann.designs@gmail.com • +34 646 471 933 • aldomann.com • github.com/aldomann  
C/ del Convent 43 • 08202 • Sabadell • Spain

---

## 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 statistical methods using bootstrap, permutation tests, and clustering to study the influence of sea surface temperature on tropical-cyclone intensity.

Additionally, I have created a unified hurricane occurrences dataset with finer temporal temperature tracking than those currently available.

#### 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 – October 2017

As Ubuntu GNOME became an official flavour of Ubuntu, I started working on the branding to help build a powerful and recognisable image. My team and I were 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.

---

## EDUCATION

### Universitat Autònoma de Barcelona

CERDANYOLA DEL VALLÈS, SPAIN

#### MSc in Modelling for Science and Engineering

2017 – 2018

Thesis: *The Influence of Sea Surface Temperature on Tropical-Cyclone Intensity.*

#### Bachelor's degree in Physics

2012 – 2017

Thesis: *On Tropical-Cyclones: An Statistical Analysis on a Warming Environment.*

---

CONFERENCE PRESENTATIONS

XXIXth International Biometric Conference

BARCELONA, SPAIN

**Poster Presentation**

8–13<sup>th</sup> July 2018

Poster: *The Environmental Influence on Tropical-Cyclones.*

VII Jornada complexitat.cat

BARCELONA, SPAIN

**Poster Presentation**

29<sup>th</sup> May 2018

Poster: *The Influence of Sea Surface Temperature on Tropical-Cyclone Intensity.*

---

CERTIFICATES

Ubuntu

**Ubuntu Membership**

5<sup>th</sup> 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**

5<sup>th</sup> April 2016

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

---

COMPUTER SKILLS

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

**Intermediate:** Shiny, git, Mathematica, Bash, awk, GIMP.

**Basic:** Spark, Hadoop, SQL, C++, C, MATLAB, bzr, Jekyll, HTML, CSS.

---

OTHER INFORMATION

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

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