

# Edgar Garriga | Curriculum Vitæ

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*"If you can dream it, you can do it"*

## Education

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### Autonomous University of Barcelona

*MSc in Bioinformatics*

Intern at Center of Regulation Genomics - Bioinformatics and Genomics Group

**Barcelona, Spain**

*2016–Present*

### UNISINOS

*Computer Science*

Santander ILA scholarship

**Sao Leopoldo, Brazil**

*Spring 2016*

### Simpson College

*Computer Science*

University of Murcia scholarship

**Indianola, USA**

*Fall 2015*

### Politechnika Lodzka

*Computer Science*

Erasmus+ scholarship

**Lodz, Poland**

*2014–2015*

### University of Murcia

*Computer Science,*

**Murcia, Spain**

*2010–2014*

## Experience

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Research experience.....

### Capstone Project - Simpson College

**Indianola, USA**

*Creating DNA Libraries Using Thermodynamics and Sequence Alignment Algorithms*

*Fall 2015*

We did an interdisciplinary approach, incorporating random generation, thermodynamics, sequence alignment, and multi-objective programming in order to create a web based application that produces libraries of temperature-dependent DNA sequences specific to each user and guaranteed to perform within an experimental setting

- International and multidisciplinary team
- JavaScript language
- Sequence alignment
- Melting temperature
- Version control
- Web application

### European Project Semester - Politechnika Lodzka

**Lodz, Poland**

*Noise Management at EU Airports, Case of Lodz*

*Fall 2014*

We did a study to find a solution to reduce the noise of Lodz airport. Doing a theoretical study and performed the solution in an anechoic room, and performed a study with the data obtained and created a report to explain the solution proposed.

- International and multidisciplinary team
- Worked in an anechoic chamber
- Analytic skills
- Basics of measurements techniques
- Measurement strategy
- Databases treatment

## Vocational.....

### **Simpson College**

*Helpdesk*

Repair and fix devices.

### **FEJERM**

*Project Manager*

IT project manager, working with the JE's of Murcia.

### **JADE**

*Project Manager*

Work with an international team developing IT projects.

Detailed achievements:

- Wordpress
- Podio
- Android

### **Infomun JE**

*Secretary*

Managing partners , institutional relations, liaison with external companies.

### **University of Murcia**

*OREJA project (Helpdesk)*

Repair and keep safe the teachers and administrative personal computers.

Detailed achievements:

- Solve users problems
- Use recovery software
- Use institutional software

### **JelAps Freelance**

*CoFounder*

Web platform for performing computer work . Performed by students of the University of Murcia.

### **Infomun JE**

*Member of the management board*

Event organization, coordination project and participation in strategic decisions.

### **University of Murcia**

*Student intern*

Intern for Database subject.

### **StalkersAt**

*Webmaster*

Maintaining the website and forum management.

### **Kamisetaloca**

*Founder at KamisetaLoca*

Creating the website, design products , contact suppliers, customer management, strategic management and marketing.

**Indianola, USA**

*September 2015–December 2015*

**Murcia,Spain**

*April 2015–December 2015*

**Brussels,Belgium**

*December 2014–June 2016*

**Murcia,Spain**

*May 2014–April 2015*

**Murcia,Spain**

*October 2013–April 2014*

**Murcia,Spain**

*June 2013–January 2014*

**Murcia,Spain**

*April 2013–May 2014*

**Murcia,Spain**

*February 2013–June 2013*

**Murcia,Spain**

*September 2011–January 2014*

**Reus,Spain**

*January 2011–Present*

## Miscellaneous.....

### **Proactiva Open Arms**

*Volunteer*

Lifeguard in Lesbos for the search and rescue operations

**Lesbos, Greece**

*April 2017–April 2017*

### **Protección Civil**

*RHIB skipper, ambulance driver, lifeguard*

**Cartagena, Spain**

*June 2010–September 2010*

### **Decathlon**

*Sales Assistant*

Selling and advising clients on athletic technical mountaineering equipment.

**Vila-Seca, Spain**

*July 2008–January 2009*

### **CEIP Celia Artiga**

*Sport monitor*

Sports instructor for after school activities for children 3 to 5 years.

**Reus, Spain**

*September 2007–July 2008*

### **Port Aventura**

*Waitress*

Serving customers and serve food ordered by these.

**Vila-Seca, Spain**

*March 2007–June 2007*

## Skills

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### Programming.....

- UNIX
- Java
- C/ C++
- Python
- R
- Perl
- HTML5/ CSS3
- PHP/ MYSQL
- MongoDB
- Ionic
- Xamarin

### Leadership.....

- Team building
- Project management
- Positivity
- Analytical
- Collaborating
- Entrepreneurial

## Awards

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**2014:** 19<sup>th</sup> place on VI UNIPROYECTA contest – INICC (Innovation Ideas for Cancer Cure)

**2014:** ThinkBig Program of Telefonica Foundation – Invernadero contra el cancer

**2007:** 3<sup>rd</sup> place on TECNUN of The University of Navarra – Design project to improve the sport.

## Languages

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**Spanish:** Mothertongue

**Catalan:** Mothertongue

**English:** Advanced

*C1*

**French:** Medium

**Portuguese:** Elementary

**German:** Elementary

**Polish:** Beginner