

# GUILLEM MUÑOZ FERRAN

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Barcelona, 29/01/1996

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## EDUCATION

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### **BSc in Electrical/Telecommunications Engineering**

2014 - 2018

Universitat Politècnica de Catalunya, Barcelona

Speciality in Network and Computer Engineering

## WORK EXPERIENCE

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### **Hedyla, Barcelona**

April 2019 - present

*Co-Founder*

A Barcelona-based start-up focused on optimizing logistic and supply-chain processes using Artificial Intelligence and Big Data. Feel free to reach out!

### **Datumize, Barcelona**

July 2018 - April 2019

*Software Engineer*

Focused on data processing back-end products. Working in a research project based on path-finding algorithms for logistics. Focus on performance, clean code and extensibility.

### **Universitat Politècnica de Catalunya, Barcelona**

March 2017 - June 2018

*Research Assistant*

- Development and research on deep reinforcement learning algorithms for an autonomous UAV inside simulations at Icarus research group with a published paper at IEEE/AIAA.
- Research on switching and routing protocols implementation at Entel research group.

## SKILLS

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### **Programming languages**

Python, Java, SQL, C#, Javascript

### **Technologies**

Keras, Flask, Gym, Node.js, Express.js

### **Tools**

Git, Linux, MySQL, MongoDB, PostgreSQL, Docker, AWS

### **Languages**

English, Spanish, Catalan

## HONORS AND AWARDS

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### **Best Student Thesis**

December 2018

- Hemav Foundation, Barcelona.
- Awarded to the best BSc thesis related with UAV technology.

### **Best Final Degree Thesis**

October 2018

- Universitat Politècnica de Catalunya, Barcelona.
- Awarded to the best Telecommunications Engineering thesis of 2018 promotion.

### **IEEE/AIAA Scientific Publication Awards**

September 2018

- DASC conference, London.
- Three overall awards: Best of conference, Best Autonomous Systems Track and Best session.