

# Rubén Tobar Nicolau

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Madrid, Spain



## Experience

- **ISDEFE**  
Systems and Cybersecurity engineer
  - System Administration
  - Cybersecurity
  - Data mining
  - Continuous training

March 2020 - Current
- **Juniper Innovating Travel Technology**  
Software engineer
  - Company with global reach
  - Software requirements elicitation
  - .NET framework
  - Booking engine

July 2017 - October 2017

## Formación

- **Master's Degree in Artificial Intelligence**  
International University of La Rioja  
*Ongoing*
- **Degree in Computer Engineering**  
University of the Balearic Islands  
2019
- **ERASMUS+ in Bologna, Italy**  
Alma Mater Studiorum Università di Bologna  
2017

## Other information

- **Languages**  
Spanish y Catalan (Native), English (High)

## Tecnologies

- Java
- Python
- C++
- C#
- C
- JavaScript
- TensorFlow
- Kubernetes
- Angular
- Flutter
- Dockers
- .NET
- Bash

## Projects

- **Compiler**  
[github.com/rubtobar/compiler]  
Compiler from java-like language to assembly code.  
*Java, Assembly Code, Regex, LARL Parser Generator.*
- **Morphologic Filters**  
[github.com/rubtobar/filtros-morfologicos]  
Remove impulsive noise in binary fingerprint images.  
*Python, Jupyter Notebook, OpenCV*
- **Model View Controller**  
[github.com/rubtobar/MVC]  
Hotel reservation management system using relational database, MVC and Razor.  
*C#, .NET 5.0, Razor, SQL Database*
- **File system**  
[github.com/rubtobar/file-system]  
File system with implemented MUTEX semaphores for concurrency.  
*C, Make, Linux, Shell*

## Interests & Hobbies



Sports



Photography



Gitar



New Technologies