

# Adrián Arroyo Calle

✉ adrian.arroyocalle@gmail.com | ☎ +34 602 133 602  
📍 Valladolid, Spain 🌐 <http://adrianistan.eu>

## Education

---

### Valladolid University

BS IN COMPUTER SCIENCE

Valladolid, Spain

2016-2020

## Experience

---

### Telefónica

BACKEND DEVELOPER

- LivingApps Maker / Agent HaaC
- Python, FastAPI, React, TypeScript, Kotlin, Spring Boot, MongoDB

Boecillo, Spain

July 2020 - Present

### Telefónica I+D

INTERNSHIP

- Internship at 4th Platform
- GitOps, Kubernetes, Docker

Boecillo, Spain

July 2019 - June 2020

### Valladolid University

ASSISTANT PROFESSOR

- Knowledge Engineering
- Artificial Intelligence Fundamentals
- Recommendation in Big Data environments
- Machine Learning Techniques

Valladolid, Spain

October 2020 - June 2020

### BEST Valladolid

TREASURER

- Manage finances of BEST Valladolid
- Be part of the executive board

Valladolid, Spain

October 2018 - October 2019

### BEST Valladolid

IT COORDINATOR

- Coordinate the IT working group

Valladolid, Spain

October 2017 - October 2018

### Diputación Provincial de Soria

ARCHAEOLOGIST VOLUNTARY

- Work as a volunteer in the archeological site of Numancia

Garray, Spain

August 2017

## Skills

---

**Programming languages:** Rust, C, Python, Java, JavaScript, SQL, Prolog, Kotlin

**Languages:** Spanish (native), English ( FIRST B2)

**Software:** Linux, Kubernetes, Docker, Azure, AWS, L<sup>A</sup>T<sub>E</sub>X, PostgreSQL, Microsoft Office, Git

## Projects

---

### Blog Adrianistán

A BLOG MAINLY ABOUT PROGRAMMING IN SPANISH

Rust, JavaScript, Python

<http://blog.adrianistan.eu>

### Lyncex: describing a web application using Knowledge

WEB FRAMEWORK PROGRAMMED IN RDF

Prolog, RDF

<https://github.com/aarroyoc/lyncex-tfg>

### Anrokku

A PUZZLE GAME FOR WEB AND MOBILE PHONES

TypeScript, Apache Cordova, Phaser

<https://play.google.com/store/apps/details?id=eu.adrianistan.anrokku>

## firefox-addons

USEFUL ADDONS FOR FIREFOX AND THUNDERBIRD

*JavaScript*  
<http://github.com/aaroyoc/firefox-addons>

## SuperFreeCell

AN OPENSOURCE IMPLEMENTATION OF FREE CELL SOLITAIRE FOR HAIKU OS

*C++*  
<http://github.com/aaroyoc/SuperFreeCell>

## Kovel

A 3D VOXEL EDITOR

*C++, wxWidgets, OpenGL*  
<http://adrianistan.eu/kovel>

## Mendel Vectorizer

A GENETIC ALGORITHM TO VECTORIZE IMAGES

*Rust, Genetic Algorithm, Machine Learning*  
<https://github.com/aaroyoc/mendel-vectorizer>

## Honors & Awards

---

October 2021	<b>Student Prize Winner of Open Data Contest Castille and Leon 2021</b> , Created RutaxRutaxCastilla y León, a webapp to discover stuff around bike routes	<i>Valladolid, Spain</i>
March 2019	<b>Winner of Special Mention at Open Data Contest Castille and Leon 2018</b> , Created Agromapa, an interactive visualization of agriculture in Castille and Leon	<i>Valladolid, Spain</i>
March 2019	<b>Winner of Catalysts Coding Contest Valladolid</b> , Competitive programming contest	<i>Valladolid, Spain</i>
October 2017	<b>Member of 62 SEMINCI (Valladolid Film Festival) Youth Jury</b> , Choosing the best film in Punto de Encuentro section	<i>Valladolid, Spain</i>
May 2017	<b>1st place at VallaHackaton 2017</b> , Created a game in two days about the theme "break"	<i>Valladolid, Spain</i>
April 2016	<b>Winner of "Las Matemáticas en el Planeta Tierra"</b> , Created a three dimensional raytracer to show how computer generated movies are	<i>Valladolid, Spain</i>
February 2016	<b>Finalist of Google Code-In contest</b> , Helped Haiku with apps and ports	<i>Mountain View, California</i>
April 2015	<b>Member of Spanish national orienteering team</b> , Part of the school team that represented Spain in the World Championship	<i>Antalya, Turkey</i>