






# FRANCISCO PINTO SANTOS

Senior full-stack developer | R&D Engineer | Researcher

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## INTERESTS

full-stack Web development

Web scraping

Software engineering

Continuous Integration

Code Generation

## SKILLS

Node.js Express.js Vue.js

TypeScript SQL DB

NoSQL DB

Java Spring Boot

Python Apache Kafka

Flask

Git AWS GitHub Actions

Docker

## LANGUAGES

Spanish: **Native**

English: **Full professional competence**

## ABOUT ME

*Senior full-stack developer & Researcher & Team Lead at BISITE research group | Research collaborator at AIR Institute. My interests include full-stack web application development, Apache Kafka-based systems design and implementation and code generation.*

## EXPERIENCE

### Senior full-stack developer & Team lead | BISITE Research Group

 01/2022 – present  Salamanca, Spain

- Coordination of planning, design and development of R&D projects within a small team (5-10 people).
- Code-generation system design and implementation for agile project development.
- Design and implementation of a human resources management application for the company.
- API rest development Python Flask-restx.
- Development of web scrapers and web crawlers.
- Web applications development with Vue.js, Node.js, Express.js and TypeScript.
- Design and development of ETL systems via Apache Kafka.
- Implementation of continuous integration systems with GitHub Actions.

### Senior full-stack developer & Team lead assistant | BISITE Research Group

 09/2020 – 12/2021  Salamanca, Spain

- Assistant in the coordination of planning, design and development of R&D projects.
- Complete development of the deepint Python package.
- API rest development Python Flask-restx.
- Development of web scrapers and web crawlers.
- Web applications development with Vue.js, Node.js, Express.js and TypeScript.
- Design and development of ETL systems via Apache Kafka.
- Implementation of continuous integration systems with GitHub Actions.

### Full-stack developer | BISITE Research Group

 09/2019 – 09/2020  Salamanca, Spain

- Development of web scrapers and web crawlers.
- API rest Development in Java Spring Boot and Python Flask-restx.
- Web applications development with Vue.js, Node.js, Express.js and TypeScript.
- Design and development of ETL systems via Apache Kafka.
- Implementation of continuous integration systems with GitHub Actions.

### Intern student during summer | BISITE Research Group

 06/2018 – 09/2018  Salamanca, Spain

- API rest Development in Java Spring Boot.
- Web development with Vue.js and Webpack.
- Development of web scrapers and web crawlers.
- Design and development of ETL systems via Apache Kafka.

## Intern student during summer | [BISITE Research Group](#)

📅 06/2017 – 09/2017

📍 Salamanca, Spain

- API rest Development in Java EE and Java Spring Boot.
- Web development with Vue.js and Webpack.

## EDUCATION

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### Master in Smart Cities & Intelligent buildings | [University of Salamanca](#)

📅 09/2021 – 09/2022

📍 Salamanca, Spain

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### Master in software engineering | [University of Salamanca](#)

📅 09/2020 – 09/2022

📍 Salamanca, Spain

- GPA: 9.41
- Beneficiary of the academic excellence scholarship from the University of Salamanca.

### Degree in computer science | [University of Salamanca](#)

📅 09/2016 – 07/2020

📍 Salamanca, Spain

- GPA: 9.55
- Graduated as first of the promotion 2016-2020 with double end of studies award, granted by the University of Salamanca and the Faculty of Sciences of the same university.
- 25 calcifications with honors, including the end-of-degree project-
- Beneficiary of the scholarship for collaboration with department for the 2019-2020 academic course.
- Award to the third-best academic record of the 2016-2020 promotion at national level in the field of engineering by SEDEA.
- Student representation activities for three years.

## ACHIEVEMENTS

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**Awarded to one of the best academic records of the 2016-2020 graduating class of the Faculty of Sciences of the University of Salamanca.**

11/2021 | Salamanca, Spain



**Award for the best academic record of the 2016-2020 promotion of the Degree in Computer Science of the University of Salamanca.**

07/2021 | Salamanca, Spain



**Third at the national ranking of Spain degree students by SEDEA.**

07/2021 | Salamanca, Spain



**Member of one of the two finalist teams of the AWS hackathon organized by Viewnext IBM.**

02/2020 | Salamanca, Spain



**Placed as first team of Salamanca, on Google Hashcode on Everis Salamanca Hub.**

02/2020 | Salamanca, Spain



**Member of the winning team of the Blockchain hackathon organized by the DIGITEC project.**

10/2019 | Salamanca, Spain



**Member of the finalist team (Global Nominee) in the NASA Space Apps Challenge hackathon at the Everis Salamanca hub.**

10/2019 | Salamanca, Spain



**Member of the winning team of the smart speaker hackathon organized by Viewnext.**

02/2019 | Salamanca, Spain