



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 code generation.

EXPERIENCE

Senior Fullstack 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 Fullstack 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.

Fullstack 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

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

📅 10/2021 – 09/2021

📍 Salamanca, Spain

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

📅 09/2020 – 06/2021

📍 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



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.

07/2020 | Salamanca, Spain



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

10/2019 | 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