Luis Soto Torres

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 Luisotorres3

Professional Summary

C++ Developer with over a year of experience in **C++ development** and nearly two years in the software industry. Experienced in **Agile**, **Scrum**, and **SAFe** methodologies, currently working at **Amadeus**, contributing to ancillary product improvements for **Southwest Airlines** and resolving testing-related issues.

Applied **artificial intelligence algorithms** in thesis project for olive tree detection. **Erasmus+** experience enhanced adaptability through advanced courses in English. Fluent in English and proficient in French, committed to continuous learning and growth.

Strong skills in **leadership**, **teamwork**, and **self-sufficiency**, seeking opportunities in challenging projects that promote professional growth.

Professional Experience

C++ Developer, Amadeus

Nice, France
September 2023 – Present

- Developed and implemented code for airlines such as **Southwest Airlines**, **Air Canada**, **Air France**, and **Singapore Airlines**, focusing on ancillary services.
- Reduced and fixed errors during development and testing, improving system quality.
- Utilized **C++** and **virtual machines** to create high-performance airline-specific solutions.
- Worked within an **Agile** (**SAFe**) framework, contributing to sprints and collaborating with cross-functional teams.
- Tools used: **C++**, **VSCode**, **Git**, **Bitbucket**, **Jira**, **Confluence**.

Junior Developer, NTT Data

Remote (Granade, Spain)
March 2023 – September 2023

- Led the development of an internal project for tracking employee working hours and identifying time tracking errors.
- Developed the system using **Power BI**, **JSON**, **Java**, and **Node-RED**.
- Improved reporting accuracy by working closely with the quality team to meet business requirements.
- Tools used: **Power BI**, **JSON**, **Java**, **Node-RED**, **Jira**, **Confluence**.

Education

Bachelor's Degree in Computer Engineering

University of Granada, Spain
September 2018 – September 2024

- Relevant courses: Operating Systems, Data Structures, Artificial Intelligence, Web Development, Mobile Application Development.
- Final Thesis: Olive Tree Detection and Management System using AI and Image Processing.

Erasmus+ Program
University of Jyväskylä, Finland   September 2021 – June 2022

- Studied advanced, master's-level courses in English.

- Developed new learning strategies to adapt to higher academic requirements in an international environment.

- Courses included advanced Artificial Intelligence, Software Engineering, and Data Analysis.

Technical Skills

Programming Languages: C++, Java, JavaScript, Python, HTML, CSS, Kotlin

Version Control: Git, Bitbucket

Operating Systems: Linux (Ubuntu), Windows

Methodologies: Agile, Scrum, SAFe

Development Tools: Visual Studio, Eclipse, IntelliJ IDEA

Mobile Development: Developed mobile apps using Java and Kotlin for university projects

Web Technologies: HTML, CSS, JavaScript

Artificial Intelligence: Applied AI algorithms in image detection for thesis project (olive tree detection)

Testing & Debugging: Bug fixing and testing with a focus on improving the quality of ancillary products at Amadeus

Soft Skills: Leadership, teamwork, self-sufficiency, problem-solving, adaptability, efficient under pressure

Projects

Thesis Project: Olive Tree Management Web Platform   University of Granada
- Developed a web platform for olive grove management, including user registra-   [Gestion del Olivar ↗](#)
  tion, weather forecasting, and olive tree counting using aerial images.   [Website ↗](#)
- Implemented image processing algorithms with **Python** and **Java** for olive tree
  detection and applied AI models such as **Segment Anything** for segmentation.
- Tools used: **Python**, **Java**, **AI algorithms**, **web development**.

C++ and OpenGL 3D Animation Project   University of Granada
- Developed a 3D processing and animation project using **C++** and **OpenGL**, focus-   [OpenGL Project ↗](#)
  ing on rendering and real-time animation techniques.
- Optimized performance and managed complex 3D models.
- Tools used: **C++**, **OpenGL**.

Mobile App Development Projects   University of Granada
- Developed 3 mobile applications using **Java** and **Kotlin** for various university projects.   [Bakery App ↗](#)
- Focused on user interface design, backend integration, and performance optimiza-   [Movie Billboard App ↗](#)
  tion for Android platforms.   [Money Scheduler App ↗](#)
- Tools used: **Java**, **Kotlin**, **Android Studio**, **Firebase**.

Certifications

Google Actívate:

- Protect Your Business: Cybersecurity in Telework (Certificate ID: YAH 4V3 UX7)

- Digitize Your Business Step by Step with Google Tools (Certificate ID: 8N5 RJL XDF)

- Introduction to Web Development: HTML and CSS (1/2) (Certificate ID: HBU 48T 2NK)

- Digital Marketing Fundamentals (Certificate ID: U2R QSL TYH)

- Mobile App Development Course (Certificate ID: 5PT JBQ UB5)

- Verification link ↗

IBM & Cognitive Class:

- Python 101 for Data Science (Cognitive Class)

- Verification link: Cognitive Class ↗

Coursera:

- Project Management Fundamentals

- Verification link: Coursera Certificate ↗

FreeCodeCamp:

- Responsive Web Design

- Verification link: FreeCodeCamp Certificate ↗

Languages

Spanish: Native proficiency
English: Advanced level (Cambridge English: First, FCE)
French: Basic level (B2)
Finnish: Basic level (A1 - CEFR)