



# Irene Fernández Romero

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## PERSONAL PROFILE

Graduate in Computer Engineering with a focus on front-end web development. Passionate about creating attractive and functional interfaces, with experience in projects using HTML, CSS, and JavaScript. I'm eager to continue growing as a front-end web developer in a collaborative and creative environment, while also expanding my knowledge in back-end development to gain a full understanding of the web development lifecycle.

In addition, I've developed an interest in the mathematical side of my studies, especially in cryptography, which led me to combine both areas in my final degree project, focused on cryptography and quantum computing.

I'm currently taking online courses to strengthen my skills and earn certifications.

## TECHNICAL SKILLS

### • Programming Languages

JAVA | JAVASCRIPT | PYTHON | PHP

### • Web Development

CSS | HTML | JSP | NODEJS | REACT  
WORDPRESS | ANGULAR | EXPRESS

### • Databases

MYSQL | MARIADB | POSTGRESQL

### • Tools

ORACLE WEBCENTER SITE | REST APIs  
VS CODE | GITHUB

## SOCIAL SKILLS

COMMITMENT | EMPATHY | COOPERATION  
TEAMWORK | ADAPTABILITY | PLANNING  
COMMUNICATION | ORGANIZATION  
CREATIVITY | PROBLEM-SOLVING

## PROFESSIONAL APPOINTMENTS

### • Extracurricular Internship – Full-stack Developer at Babel, Seville.

Involving the creation of data models using the Oracle WebCenter Sites interface, developed controllers in Groovy and Java, developed templates using HTML, CSS, JavaScript, with their rendering logic using JSP and Java.

### • Class projects

Participated in academic projects applying front-end and back-end development skills.

### • Final Degree Project

I completed it in 2024, and in this project, the basic concepts of quantum computing and its impact on cryptography are introduced and developed through two key algorithms. The project also includes simulations in which the quantum algorithms are evaluated and executed.

## EDUCATION

### Bachelor's Degree in Computer Engineering – Information Technologies

2019 - 2025 | University of Seville

### High School I.E.S. Al-Aliscar

2018-2019 | Villanueva, Seville

### High School I.E.S. Lauretum

2017-2018 | Espartinas, Seville

## LANGUAGES

Native Spanish

English – B2 First (Cambridge)