





# JONATHAN CARRERO

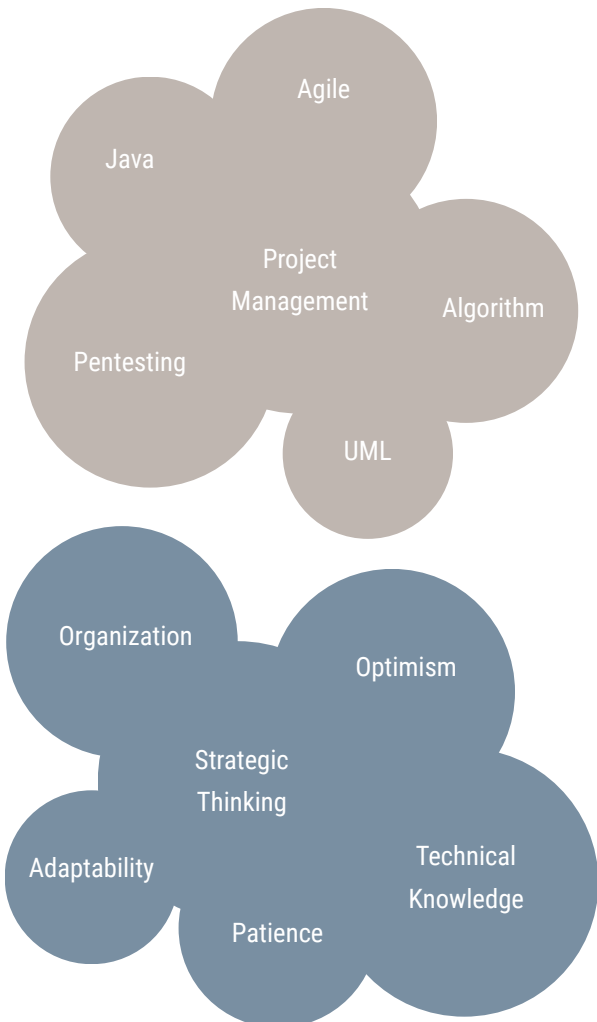
PhD. SOFTWARE ENGINEER



## CONTACT

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## SKILLS



## EXPERIENCE

### TEACHER

Litterator School

2021 - 2025

- Professor of Multi-platform Application Development
- I have taught all subjects of the degree over four years
- Project management at teaching using Scrum framework

### RESEARCHER

Complutense University of Madrid

2019 - 2023

- Formal Analysis and Design of Software Systems
- Resource optimization and computational complexity
- Formal Methods in Computer Engineering

### MANAGED SERVICES

Einzelnet

2017 - 2018

- Management and configuration of technological infrastructures
- Supervision and monitoring of virtualization systems
- Services integration within the operating model offered to clients

## IDIOMS



Native



Advanced



Beginner

## ABOUT ME

Software engineer specializing in formal methods, cybersecurity, and project management under the Project Management Institute. I have almost always been working and studying, trying to do my best and learning new things every day. I love complex problems and finding ways to be efficient in processes and operations.

## SUPPLEMENTARY EDUCATION



Project Management Institute



Hack the Box



Cisco CCNA 1-2

## HOBBIES



## EDUCATION

### PhD. COMPUTER SCIENCE

Complutense University of Madrid

2020 - 2023

*Cum Laude*, Optimization and complexity of resource allocation

### Master's Degree. CYBERSECURITY

Isabel I University

2024 - 2025

Threat detection through Artificial Intelligence

### Master's Degree. PROJECT MANAGEMENT

Isabel I University

2023 - 2024

Study on the failure of IT projects in the healthcare sector

### Master's Degree. FORMAL METHODS IN COMPUTER SCIENCE

Complutense University of Madrid

2018 - 2020

Resource allocations under egalitarian social welfare

### Degree. SOFTWARE ENGINEERING

Complutense University of Madrid

2013 - 2018

Study of complexity classes and testing

## OTHER ACHIEVEMENTS



Winner of the Runner-up Prize for Thesis of the Year 2023

Numerous publications well positioned in Class 2 SCIE and Core C indexes

Winter and Summer School in Maude and Blockchain Hyperledger