Fernando **Leal Sánchez**

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Education

ENS Paris-Saclay — *Paris, France*
MASTER IN COMPUTER SCIENCE — *Sep 2024 – Present*

Universidad Complutense de Madrid — *Madrid, Spain*
BACHELLOR'S IN COMPUTER SCIENCE — *Sep 2019 – Jun 2024*
GPA: 8,56/10

Universidad Complutense de Madrid — *Madrid, Spain*
BACHELLOR'S IN MATHEMATICS — *Sep 2019 – Jun 2024*
GPA: 8,39/10

École Polytechnique Fédérale de Lausanne — *Lausanne, Switzerland*
ERASMUS IN COMPUTER SCIENCE — *Sep 2021 – Jun 2022*

Colegio San Agustín — *Madrid, Spain*
"BACHILLERATO" IN SCIENCES — *Sep 2017 – Jun 2029*
GPA: 9,53/10

Ironwood Ridge High School — *Arizona, USA*
CULTURAL EXCHANGE — *Aug 2016 – May 2017*

Experience

Bending Spoons — *Remote*
BACKEND SOFTWARE ENGINEER — *Nov 2023 – Aug 2024*
- Data pipelines
- Infrastructure
- Monitoring
- DevOps

Airsync startup — *Lausanne, Switzerland*
SOFTWARE ENGINEER — *Feb 2022 – Jun 2022*
- Backend development
- API design

0rganizers CTF Team — *Lausanne, Switzerland*
PLAYER — *Nov 2021 – Nov 2022*
- Participated in DEFCON 30 Finals and Insomni'hack CTF's among other competitions

UCppM — *Madrid, Spain*
FOUNDER, PRESIDENT — *Sep 2022 – Jun 2024*
- Introduce newcomers to competitive programming
- Volunteer and organize programming competitions
- Participate in competitions like SWERC and Ada Byron

2022 ICPC Europe Training Camp — *Wroclaw, Poland*
PARTICIPANT — *Oct 2022 – Oct 2022*

World Scout Jamboree — *West Virginia, USA*
INTERNATIONAL SERVICE TEAM VOLUNTEER — *Jul 2019 – Aug 2019*
- Member of the Wood, Ropes and Spar team

2nd European Top Competition Talent Summit — *Dubrovnik, Croatia*
PARTICIPANT — *July 2022 – July 2022*

Skills

Programming languages: Python, C++, Scala, Rust, TypeScript, Lua
Languages: Spanish (native), English (native), French (B1), Chinese (YCT3)
Sports: Judo (black belt), Taekwondo (green belt), Wrestling, Handball

Projects

University Projects

C++, Python, Java, Scala
https://github.com/ayhon/University-Projects

VARIOUS PROJECTS FROM UNIVERSITY

Padel power

React Native, Firebase

REACT NATIVE APP DESIGNED TO HELP NEIGHBOUR COMMUNITIES MANAGE THEIR PADEL COURTS. A PROJECT AMONG FRIENDS.

Verified octagonal constraint solver

Coq
https://f.leal.sh/projects/octagonal-constraint-solver/

COMPUTER SCIENCE BACHELLOR'S THEIS. AN OCTAGONAL CONSTRAINT SOLVER DEVELOPEED AND VERIFIED IN COQ.

Awards

Jul 2023	**1st place at Ada Byron**, National competitive programming contest	*Ada Byron*
Feb 2023	**42nd place at SWERC**, South Wester European Regional Contest. No preparation yet decent results.	*ICPC Foundation*