

# ALEJANDRO FERNÁNDEZ

Computer engineer

<https://alejandrofernandez.dev>

## ABOUT ME

Hi, I am Alejandro. I recently graduated in Computer Engineering, where I discovered my passion for Programming, Software Engineering, and Artificial Intelligence. I am currently looking for opportunities to deepen my knowledge of these topics. In my free time, you will find me among my friends, doing sports or playing video games.

## EDUCATION

Sep 2020 - Jul 2024

Universitat Pompeu Fabra | Barcelona, Spain

### Bachelor's degree, Computer Engineering

I graduated in second place, **completing 20 subjects with Honours** ("Matrícula de Honor" in Spanish). These subjects, including Artificial Intelligence, Cryptography and Security, Object-Oriented Programming, Machine Learning, and Algorithm Design, are a testament to my strong technical skills and academic achievements.

Average grade: **9.16 / 10.0**

Sep 2016 - Jul 2020

Universitat Politècnica de Catalunya | Barcelona, Spain

### Bachelor's degree, Engineering Physics (unfinished)

I started Physics because of my love for science. However, I progressively discovered my passion for computers and programming, prompting me to switch to Computer Engineering. Even though I did not finish my studies, I am grateful for the learning experience and the strong foundation in mathematics and physics that I acquired.

Sep 2014 - Jun 2016

Pare Manyanet Les Corts | Barcelona, Spain

### Spanish Baccalaureate, Science

Average grade: **10.0 / 10.0**

## WORK EXPERIENCE

Jan 2024 - Jun 2024

UPF AI and Machine Learning Research Group

### Internship

While interning at the University's AI and ML research group, I developed my Bachelor's thesis, "[Parallel Strategies for Best-First Generalized Planning](#)." I also had the opportunity to learn from world-renowned researchers in automated planning.

## LANGUAGES

Spanish (native) ● ● ● ● ●

Catalan (native) ● ● ● ● ●

English ● ● ● ● ●

## PROGRAMMING

C/C++ ● ● ● ● ●

Python ● ● ● ● ●

Java ● ● ● ● ●

Dart ● ● ● ● ●

Typescript ● ● ● ● ●

## CONTACT

✉ [alejandro.alburquerque@pm.me](mailto:alejandro.alburquerque@pm.me)

🌐 [My LinkedIn](#)

☎ [+34 679 641 270](tel:+34679641270)

## HARD SKILLS

Git Automated Planning Bash

Parallel Programming Deep Learning

Functional Programming Databases

ML Design Patterns Data analysis

## SOFT SKILLS

- Communication skills and public speaking
- Creative problem solving
- Teamwork and collaboration skills
- Analytical skills
- Critical thinking
- Quick learner

## ACTIVITIES

October 2024  
**Speaker at the European Conference in Artificial Intelligence**

February 2023  
**UPF team at the ICPC SWERC programming contest**

March 2015  
**Team member of the school's Debate league and winner of the ESADE debate league tournament**