



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
- in [My LinkedIn](#)
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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