ÁLVARO HEREDIA

INDUSTRIAL ENGINEER STUDENT

+34 644 11 08 61
+1 (862) 381 2922
aheredia.movil@gmail.com
Willing to relocate / Newark,NJ

ABOUT ME

As a Junior Industrial Engineering student and D1 soccer player at NJIT, I stand out not only for my academic background but also for the hands-on experience I've gained through real-world engineering projects and over 25 freelance projects. Coming from a family of engineers, my passion for engineering runs deep and drives everything I do.
Competing in soccer at an elite level has instilled in me a strong sense of discipline, collaboration, and resilience, which I bring to every challenge both on and off the field.
I bring a positive attitude, strong communication skills, and a commitment to delivering quality results, always eager to learn and contribute meaningfully to any team.

EDUCATION

Industrial Engineering Bachelor
New Jersey Institute of Technology
2022- Graduation date 2026
3.67/4 GPA

Lean Production Certificated Course
Technical University of Munich
Feb 2024 - April 2024

D1 Soccer Player
New Jersey Institute of Technology

HARD SKILLS

- CAD Design - Advanced
- Process optimization (Lean)
- 3D printing
- Multi-tasking
- Problem-solving
- Social Skills
- Soccer coach and analyst

SOFT SKILLS

- CAD Simulation
- C++
- Wordpress
- AI

LANGUAGES

Spanish - Native
English - Full Professional Proficiency
Catalan - Native
German - A1

MORE

- STEM OPT/CPT
- European Citizen
- FIFA C soccer coach

EXPERIENCE

Apr 2022 - Present — FIVERR - @ALVAROHEREDIAGI
CAD MODELING SERVICES
- Attending/dealing with clients
- Project negotiation
- Multi-tasking
- Product development and design.
- SolidWorks - 3D Modeling / 2D Drawings / Rendering / Assembly

9 Months Between 2022 and 2024 — GRAPHENTOWER S.L.
MANUFACTURING PROCESS ENGINEER
A new and innovative production process was developed to manufacture 8 and 10 meter telephone poles made of composite materials. A manufacturing process never used before and created from scratch.

Jun 2023 - Present — YOUTUBE- @AH3DCAD
SOLIDWORKS CONTENT CREATOR
I run a YouTube channel dedicated to Solidworks CAD tutorials, where I help beginners master the software and guide them toward becoming experts.

ACHIEVEMENTS

2024 — My project was selected to represent my class in the NJIT First Year Engineering Design Showcase.
2023 — Awarded seller level 1 on Fiverr with a 5/5 rating.
2022 — Development of an innovative prototyping system that reduced the cost by 80%. In addition to providing autonomy and accelerating processes.

YOU CAN CHECK MY WORK

- Personal web page and portfolio.
https://alvaroheredia.operla.com/

REFERENCES

JAVIER
Graphentower CEO
+34 625 72 56 18

FERNANDO
NJIT Head Coach
+1 (914) 438 9120