

EDUCATION

New Jersey Institute of Technology - NJIT	Jul 2022 - May 2026
Bachelor of Science, Industrial Engineering	Newark, NJ
<ul style="list-style-type: none">CGPA: 3.65/4.0 (five semesters on Dean's List)Relevant Coursework:<ul style="list-style-type: none">Engineering Design Supply Chain and Production Planning Simulation of Manufacturing Processes Facility Layout CAD C++	
Technical University of Munich	Jan 2024 - Apr 2024
Lean Production Certificated Course	Remote

KEY SKILLS AND LANGUAGES

- Composite Materials Experience • 3D Printing • Microsoft Office • C++ • Lean manufacturing • CAD design and simulation • Interpersonal Skills • ChatGPT • Teamwork • English • Spanish • Catalan • German(A1)

EXPERIENCE

Engineering Office	Jan 2022 - Jan 2025
Graphentower S.L.	Castellon, Spain
<i>High-volume composite parts manufacturing industry using RTM injection.</i> <ul style="list-style-type: none">Designed and prototyped 10-meter parts using 3D printing, reducing cost by 80%Performed CAD design and force simulations for the development of new products, optimizing future production efficiencyImplemented lean principles to optimize the manufacturing process, increasing profitability and improving efficiency by 15%	
3D CAD Freelancer	Apr 2022 - Present
Fiverr Freelancing Platform - @Alvaroherediagi	Remote
<ul style="list-style-type: none">Provide 3D modeling, 2D drafting, assembly, and simulation services using SolidWorksLed end-to-end project management for 40+ projects, achieving a 5/5 client satisfaction rating and ensuring timely deliveryInteract with customers, prepare and negotiate budgets, manage time, plan effectively, and handle multiple projects simultaneously	
SolidWorks - Content Creator and Educator	Jun 2023 - Present
Youtube - @ah3Dcad	Remote
<ul style="list-style-type: none">Create and publish SolidWorks tutorial videos to help users learn and master CAD design tools effectively.	

PROJECT EXPERIENCE

Scaled vertical wind turbine farm NJIT - Newark College of Engineering Aug 2024 - Dec 2024
<ul style="list-style-type: none">Designed and developed a renewable energy plant, featuring custom CAD-designed and 3D-printed turbines, along with an energy storage circuit

LEADERSHIP EXPERIENCE

CD Castellon U-19 Team Captain LALIGA Academy Aug 2016 - Jun 2021
<ul style="list-style-type: none">Served as team leader both on and off the field, guiding the team to five consecutive championship titles

EXTRA CURRICULAR ACTIVITY

Member of NJIT Men's Soccer NCAA D1 Soccer Aug 2021 - Present
<ul style="list-style-type: none">Recognized as Second Team All-Conference, All-America Team of the Week, and regular season top scorer Season 2023/24

VOLUNTEER EXPERIENCE

Volunteer Weekly community service at local schools NJIT Men's Soccer Nov 2024 - Present
<ul style="list-style-type: none">Community service at schools, providing support to children through assistance and reading activities
Volunteer Youth Football Coach Fundacion Albinegra, CD Castellon 2021 - 2022
<ul style="list-style-type: none">Coached a youth soccer team of children twice a week as part of the club's social and developmental program

HONORS & AWARDS

- National College Athlete Honor Society recognition of high academic and athletic achievements | Feb 2025
 - Selected to represent my class in the NJIT First Year Engineering Design Showcase | Feb 2024