

ANTONIO IGLIO

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Junior Chemical Engineering student and Eagle Scout with a strong foundation in integrity, extensive leadership experience, and a deep commitment to justice and family values; seeking a Chemical Engineering internship to apply coursework in transport phenomena, thermodynamics, and separations, along with emerging AI technology, to real-world process operations across a range of industries; dual citizen of the United States and the European Union.

EDUCATION

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| University of Arkansas — Fayetteville, AR | Fall 2024 – May 2028 |
| <ul style="list-style-type: none">B.S. Chemical Engineering, Minor in Business GPA: 3.1 Junior standingRelevant Coursework: Heat & Mass Transfer, Fluid Mechanics, Thermodynamics I & II, Material & Energy Balances, Organic ChemistryMember, National Society of Leadership and Success | |
| Collin College — Frisco, TX | Fall 2022 – Summer 2024 |
| <ul style="list-style-type: none">GPA: 3.35 34 dual-credit hours National Society of Collegiate Scholars | |
| Hebron High School — Carrollton, TX | Fall 2020 – Spring 2024 |
| <ul style="list-style-type: none">GPA: 4.14 Distinguished Level of Achievement in Math & Science EYAS Award 3× Student of the Month | |

ENGINEERING COURSEWORK & TECHNICAL SKILLS

- Fluid Mechanics:** Pipe-flow hydraulics — friction factors, pressure-drop calculations, and pump/piping system analysis for incompressible and compressible flow.
- Heat & Mass Transfer:** Conduction, convection, and heat exchanger analysis using log-mean temperature difference (LMTD) and overall heat transfer coefficients; diffusion and convective mass transfer.
- Thermodynamics I & II:** Energy balances on open and closed systems, power and refrigeration cycles, equations of state, and vapor–liquid phase equilibria.
- Material & Energy Balances:** Steady-state balances on multi-unit processes with recycle streams.
- Infrastructure & Digital Innovations:** Learning the newest AI tools for software development, research, and business opportunity identification; evaluating emerging technologies and building functional prototypes.

WORK EXPERIENCE & LEADERSHIP

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| Cauldron Ice Cream — Carrollton, TX Store Manager | May 2024 – July 2024 |
| <ul style="list-style-type: none">Solely responsible for the Carrollton store: staffing, opening/closing, training, cash register balancing, and sales promotions.Promoted from Assistant Manager by the owner within six weeks based on performance. | |
| Whataburger — The Colony, TX Team Member | Sept 2022 – April 2023 |
| <ul style="list-style-type: none">Received a letter of recommendation from management highlighting leadership, professionalism, teamwork, accountability, and communication during slow and high-volume business. | |
| Junto (Registered Student Organization) — Fayetteville, AR Vice President | Jan 2025 – May 2026 |
| <ul style="list-style-type: none">Foster campus community through open dialogue and the exploration of diverse perspectives. | |
| Boy Scouts of America — Coppell & Carrollton, TX Eagle Scout | 2011 – 2024 |
| <ul style="list-style-type: none">Achieved Eagle Scout rank (Nov 2023); earned 21 merit badges beyond requirements and the Order of the Arrow honor society distinction.Four years of progressive leadership; National Youth Leadership Training certified with outstanding leadership recognition.Completed a 12-day, 114-mile backcountry trek at Philmont High Adventure Scout Ranch; served 86 hours of community service. | |