

Jose Acosta Aldrete

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Educational Background

2022-2026 (Expected) <i>Concordia University</i> <i>Montreal, Quebec</i>	Concordia University <i>Bachelor of Engineering, Mechanical Engineering</i> <i>Cumulative Grade Point Average: 3.7</i>
2018-2021 <i>San Luis Potosí, México</i>	Tecnologico de Monterrey <i>High School Diploma</i>

Languages: Native Spanish, English, German (B1), Beginner French

Computer Skills

Solidworks • C++ • GitHub • TensorFlow • Scikit-learn • Python • MS Office • Basic C & mySQL • COMSOL • Adobe Lightroom • DaVinci Resolve • HTML • CSS • Arduino • VS Code • Visual Studio

Work experience

05/2024 – 08/2024 <i>Montreal, Quebec</i>	CUSRA Research Assistant Concordia University <ul style="list-style-type: none">- Ran viscoelastic fluid filament stretching and droplet on substrate COMSOL simulations- Developed a neural network model to predict extensional rheology behavior using TensorFlow and SKlearn
08/2019 – Present	Freelance Photographer <ul style="list-style-type: none">- Photographer for events, products, and university newspaper, The Concordian- Portfolio at: shootwith.me/jose_acosta and on Instagram: @jacosta_foto
05/2023 – 07/2023 <i>Montreal, Quebec</i>	Sales Associate & DJ Fanabox GP – Formula 1 Store <ul style="list-style-type: none">- Improved sale skills, selling memorabilia and other high value items- DJ'd throughout the Montreal Grand Prix weekend
06/2021- 08/2023 <i>San Luis Potosí, México</i>	Camp Counselor/Videographer Camp Santa Ursula <ul style="list-style-type: none">- Led activities, supervised campers, and coordinated with my peers- Directed, recorded, and edited videos to be shared inside the camp and social media- Managed risks and practiced first-aid training developing & quick-thinking skills

Volunteering & Extracurriculars

09/2024 – Present <i>Montreal, Quebec</i>	Drivetrain Team Member Concordia Baja SAE <ul style="list-style-type: none">- Used ANSYS for FEA of drivetrain casings under bearing stress- Creating a jig to measure and interpret the strain of parts under bearing stress
10/2022 – 06/2023 <i>Montreal, Quebec</i>	Team Member Concordia Formula SAE <ul style="list-style-type: none">- Design, manufacture, and install parts on electric Formula SAE car- Practiced teamwork, risk control, and hand skills in a precision focused environment

Interests

Music	Passionate on DJ mixing, music production, guitar, and piano playing.
Motorsports	Interested in the intricate aerodynamics and engineering of racecars.