

Jose Acosta Aldrete

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Educational Background

2022-2027 (Expected) <i>Concordia University</i> <i>Montreal, Quebec</i>	Concordia University <i>Bachelor of Engineering, Mechanical Engineering</i> <i>Cumulative Grade Point Average: 3.68</i>
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2018-2021 <i>San Luis Potosí, México</i>	Tecnológico de Monterrey <i>High School Diploma</i>
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Languages: Native Spanish, English, German (B1), Beginner French (Taking A1 Classes)

Computer Skills

Solidworks • C++ • GitHub • TensorFlow • Scikit-learn • Python • MATLAB • MS Office • Basic C & mySQL • COMSOL • Adobe Lightroom • DaVinci Resolve • HTML • CSS • JS • 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
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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
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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
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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
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Volunteering & Extracurriculars

09/2024 – Present <i>Montreal, Quebec</i>	Drivetrain Subsystem Member Concordia Baja SAE <ul style="list-style-type: none">- Used ANSYS for FEA of drivetrain casings under bearing stress- Designed jigs to measure and interpret the strain of parts under bearing stress- Manufactured and assembled high precision parts
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10/2022 – 06/2023 <i>Montreal, Quebec</i>	Team Member Concordia Formula SAE <ul style="list-style-type: none">- Designed, manufactured, and installed parts on electric Formula SAE car- Practiced teamwork and risk control in a precision focused environment
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Interests

Music	Passionate on DJ mixing, music production, guitar, and piano playing. Managing a DJ mix YouTube channel with over 1M views.
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Motorsports	Interested in the intricate aerodynamics and engineering of racecars.
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