BRUNO VELAZQUEZ VEGA

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EDUCATION

University of Toronto Faculty of Applied Science & Engineering — **Toronto, Canada**
Bachelor of Applied Sciences in Materials Science Engineering, — 2025-2030
Engineering Business and Entrepreneurship Minor + PEY Co-op

SKILLS, TECHNOLOGIES, INTERESTS

Skills: Data analysis, stakeholder communication, project coordination, user insight evaluation, Spanish & English (C2)
Technologies: Excel modeling, Simscale Simulation, Fusion 360 CAD design, Ansys Fluent analysis, Python scripting, Microsoft Office Suite, technical drawings, 3D printing (Extrusion + Vat Photopolymerization), and Canva Design
Interests: Tennis (Division 1 Champion), Sailing (Sunfish, Laser (ILCA))(10+ yrs.), Wordle enthusiast, & RCAircraft Flying

EMPLOYMENT EXPERIENCE

RVR 95 Mazda Racing Endurance Team — **Mexico City, Mexico**
Telemetry and Data Analytics Intern — 2023-2025

- Engineered an Excel telemetry model with Python calculations processing 200+ data rows across 10+ variables per race
- Designed visual dashboards tracking 3-driver rotations across 24-hour races to translate data into real-time strategies
- Modeled sector lap-time & fuel-burn correlations to forecast pit windows projecting stops with regression based timing
- Developed a diffuser aero package with Fusion 360 & Ansys Fluent to optimize underbody airflow by 25% margins

RESEARCH EXPERIENCE

University of Toronto Institute of Aerospace Studies - ARC Research Program — **Toronto, Canada**
Project Supervisor, Undergraduate Research — Summer 2026

- Built a drone prototype to capture traffic data for navigational architecture softwares simulating live congestion feeds
- Designed and 3D-printed drone blades in a PA6 copolymer composite for stability against Toronto's wind conditions
- Integrated hardware with an automated Python data pipeline, theoretically improving real-time traffic accuracy by 4%

EXTRACURRICULAR ACTIVITIES

YNCN (You're Next Career Network) University of Toronto — **Toronto, Canada**
Business Development Associate — 2026-Present

- Managed a 230+ company outreach pipeline, converting cold contacts into 15 confirmed partnerships of $15,000+ CAD
- Co-led sponsor meetings and multi-stage negotiations preparing pitch materials in PowerPoint and the Microsoft Suite
- Structured 300+ email contacts into a tracking system via Streak CRM, cutting stalled leads and improving turnarounds

UTESCA (University of Toronto Engineering Student Consulting Association) — **Toronto, Canada**
Director of Outreach — 2026-Present

- Researched and profiled 10+ consulting & corporate firms for UTESCA's event goals prioritizing high-fit partners
- Co-built a 50+ partner outreach database to track & coordinate contact history & status to eliminate duplicate outreach
- Designed sponsorship decks, speaker briefs, and outreach templates in Canva for 9 major events, delivering 13 pitches

University of Toronto Tennis Club (UTTC) — **Toronto, Canada**
Director of Finance — 2026-Present

- Negotiated exclusivity agreements with Toronto tennis clubs to reduce member costs 15% via seasonal rate structuring
- Structured a $17,000 annual operating budget in Excel, modeling variance analysis to guide overall resource allocation
- Reconciled monthly club expenditures against budget, flagging overruns to protect financial stability for 200+ members