

Daniel R. Robles, PE  
Edmonds WA, 98026  
(425) 361-8499  
Dan@coengineers.com

---

## PROFESSIONAL EXPERIENCE

**2009 – Present: Community Engineering Services PLLC. Founder / Owner:** Serving condominium communities, private owners, public institutions in resolving unique building problems including piping issues, envelope problems, water intrusion, and mechanical systems. Expert witness for plumbing product failures. Services include maintenance planning, financial reserves analysis, feasibility studies, project scope, SOW, construction management (RFI/RFP/RFQ) and building inspections per ANSI E2018-08.

**2006-2010: Adjunct Faculty, City University of Seattle.** International Business, International Management. Experienced in classroom, on-line, hybrid, and international education delivery.

**02/1997-05/2002, 11/2004-03/2008: Airline Support Account Manager; The Boeing Company;** Performed critical internal team leadership toward resolution of complex in-service aircraft and airline issues for multiple international customers. Mechanical systems, propulsion, flight control systems, corrosion, and high-cycle fatigue cracking. **Customer Engineer, Account Manager; The Boeing Company** Commissioning Agent for large aircraft representing United Airlines acquisition of Boeing 777-200 aircraft. Provided critical team leadership for the commissioning, certification, contracts, and delivery of (24) aircraft with a combined value of more than \$3.2 billion.

**1996– Present: Founder; The Ingenesist Project:** Research, and venture studio for the advancement of a global engineering profession, decentralization of STEM professions, and measurement of intangible assets. Founders: The Innovation Bank – An economic platform based on game theory, blockchain technology, and actuarial math. Founder: Social Flights (acquired), CoEngineers.io, the Integrated Engineering Blockchain Consortium. **Director of International Projects; CETYS University, Mexico;** comparative education research (n=250) programs related to the NAFTA Mutual Recognition Document for International Mobility of Engineering professionals. **09/2009 – 06/2012 Co-founder, Chief Innovation Officer: Social Flights, LLC,** a ride sharing service for private jets based on Social Media tools deployed to form organization around a shared asset – high value proof of concept for any community sharing knowledge assets. Pioneer in collaborative enterprise.

**04/1985-01/1997: Responsible Test Engineer Rockwell International** for Space Shuttle fleet upgrades, hydrogen leak tests, ABS carbon brake tests, drag parachute deployment, system titanium aluminide structural tests, extreme environment tests. Technical awards. **Responsible Design Engineer Hughes aircraft** Precision Mechanisms design for satellite deployment system from orbiting vehicle. **Design Engineer Northrop Corporation** Carbon fiber aircraft structures design, test, maintenance, and repairs. **Design:** CAD systems, geometric tolerances, FEA, and CFD on assorted platforms. **Orange Research Corporation;** design of compressible and non-compressible fluid pressure, flow gauges, and flow restrictor devices. Machinist. **Hollywood Entertainment Industries:** Designed and managed performance of mechanical special effects, animatronics, self-retracting mechanical structures for motion pictures, commercials and theme park rides.

## EDUCATION

- Masters in International Business; Seattle University. Seattle WA, 2002.
- Bachelor of Science Mechanical Engineering, (BSME); University of New Haven, 1985
- Licensed Professional Engineer, Mechanical Engineering; CA #30667, WA #44394

**Professional appointment):** City of Edmonds Washington Planning Board 2014-2021 (Chairman 2020). Member NSPE, ASME, IEEE, SWE, SHPE