Cristobal Marquez-Glynn

Lakewood, WA | (760)420-7701 | cristobalmqz@gmail.com | https://www.linkedin.com/in/cristobal-marquez-glynn-engineer/

EDUCATION

University of Washington – Seattle, WA   August 2022
Professional and Continuing Education • Full Stack Web Developer

University of Southern California – Los Angeles, CA
Bachelor of Science • Aerospace Engineering

PROFESSIONAL EXPERIENCE

Sr. Product Applications Engineer   Nov 2018 – June 2020
Cablecraft Motion Controls – Tacoma, WA
- Led custom design cable and shifter projects for commercial industries
- Designed and prototyped new truck shifter and cables for the upgraded Chinese Shaanxi X5000 truck
- Remotely supported the South Carolina plant with engineering. Additionally, traveled bi-monthly to the plant for in-person support of engineering and production projects

Project Engineer   July 2012 – June 2018
Cablecraft Motion Controls – Tacoma,
- Led several multi-year long design and qualification process for mainly custom mechanical control cable projects in the global aerospace and defense industry while following industry standard, AS9100
- Wrote, reviewed, and approved technical reports to support domestic (FAA) and international (EASA) product qualification
- Coordinated with third-party testing facilities, vendors and contractors to support validation of new products and support customer schedules and requirements.
- Performed in-house qualification tests including stress and reliability studies to validate new designs
- Maintained professional contact with customers through e-mails, phone calls, web conferences, and one-on-one meetings to analyze project requirements and communicate product development progress
- Designed a manual Gust Lock handle and cable system intended to lock the main rotor of the Sikorsky CH-53 helicopter
- Designed and qualified new emergency control cables for the German aircraft Dornier 328

SKILLS AND LANGUAGES

Languages
- Spanish – Native
- English – Bilingual Proficiency

.
Skills
- Front end web development software programming in HTML, CSS, and JavaScript
- Back end web development JavaScript programming such as Node.js, Express.js and Sequelize

- Proficient in SolidWorks computer-aided design, CAD software for designing mechanical components, generating engineering drawings, and running design analysis