Cristobal Marquez-Glynn

cmarqgln@uw.edu

LINKS

- GitHub: https://github.com/CM-GDev
- LinkedIn: https://www.linkedin.com/in/cristobal-marquez-glynn-engineer/

RECENT TECHNICAL SKILLS

- Software programming in HTML, CSS, CSS Frameworks, JavaScript, and Node.js
- Proficient in SolidWorks computer-aided design, CAD software to design mechanical components, create technical drawings, and run design analysis

---

EDUCATION

- **University of Washington, Seattle WA – Feb 2022 to Current**
- Professional and Continuing Education – Full Stack Web Developer
- https://cm-gdev.github.io/Marquez-Glynn-Porfolio/ For my most recent highlighted body of work including my first group project and two of my strongest homework assignments so far

- **University of Southern California, Los Angeles CA 2006**
- Bachelor of Science, Aerospace Engineering

EXPERIENCE

Sr. Product Applications Engineer – Cablecraft Motion Controls, Tacoma WA – November 2018 to June 2020

- 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 – Cablecraft Motion Controls, Tacoma WA – July 2012 to June 2018

- Led 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
- 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
- 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 using industry hardware and software
- Performed 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