

# Cristobal Marquez-Glynn

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LinkedIn: <https://www.linkedin.com/in/cristobal-marquez-glynn-engineer/>

Portfolio: <https://cm-gdev.github.io/react-cmg-dev-portfolio/>

GitHub: <https://github.com/CM-GDev>

Full stack web developer applying over ten years of experience as a mechanical engineer to build robust and efficient web applications. Continue to leverage thorough planning by approaching big and small project milestones with equal importance in an agile software development environment.

## TECHNICAL SKILLS

JavaScript ES6+, CSS3, HTML5, NoSQL, GitHub, MongoDB, MySQL, Express, React, Node, PWA, Handlebars, Materialize CSS, GraphQL

## EDUCATION

**Certificate in Full Stack Web Development**

University of Washington

**August 2022**

**Seattle, WA**

**Bachelor of Science in Aerospace Engineering**

University of Southern California

**Los Angeles, CA**

## PROJECTS

**DriveWay MyWay | Repo: <https://github.com/wonjong2/Driveway-Myway> |**

**Site: <https://driveway-myway.herokuapp.com/>**

- Summary: Worked in a team of four members to create an application that assists users in locating private driveways that may be rented by the hour
- Role: Full stack contributor
- Tools: React.js, GraphQL API, JavaScript, Mongoose ODM, Express, Node

**JATE - Offline Notes | Repo: <https://github.com/CM-GDev/OfflineNotes> |**

**Site: <https://pure-castle-29867.herokuapp.com/>**

- Summary: Single page progressive web application, PWA for editing or taking notes in a browser. It can be downloaded and function offline too!
- Role: Sole author
- Tools: JavaScript, Node, Express, Webpack, IndexedDB, PWA

**Employee Tracker | Repo: [https://github.com/CM-GDev/EmployeeTracker\\_NodeJS](https://github.com/CM-GDev/EmployeeTracker_NodeJS) |**

**Site: [https://www.youtube.com/watch?v=RPUGi\\_opX3w](https://www.youtube.com/watch?v=RPUGi_opX3w)**

- Summary: A content management system interface so a business owner can view, manage, and organize the departments, roles, and employees of his/her company with this application
- Role: Sole author
- Tools: Express, MySQL, JavaScript, MySQL, Inquirer

## **EXPERIENCE**

### **Sr. Product Application Engineer**

**2018-2020**

#### **Cablecraft Motion Controls**

**Tacoma, WA**

Designed and managed custom mechanical cable and shifter projects from inception to customer approval and through the manufacturing process.

Key Accomplishments:

- Reached customer agreement on a custom shifter and cables system design critical to the company's overseas expansion efforts by maintaining strong communication ties to ensure all customer requirements were met
- Collaborated with and made periodic onsite visits to the South Carolina manufacturing plant to support the company's high on-time product delivery rate by troubleshooting engineering and production issues

### **Project Engineer**

**2012-2018**

#### **Cablecraft Motion Controls**

**Tacoma, WA**

Led several multi-year long design and qualification projects to FAA approval for custom mechanical control cables in the global aerospace and defense industry.

Key Accomplishments:

- Ensured a multi-year manufacturing contract for a helicopter manual gust lock handle and cable system by delivering a strong mechanical design and successfully managing the project through all customer qualification tests
- Re-engineered part of a customer's aging flight control cables that lead to one of the largest contracts for the company that year by carefully analyzing all customer and international industry requirements so that all qualification tests passed