

# Cristóbal Hernández Chávez

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## SKILLS

### Software

- Advanced (Microsoft Office)
- Proficient (Front End Development, AutoCAD, NX, ProModel, Tableau, MiniTab)
- Fluent in both English and Spanish

## PROFESSIONAL EXPERIENCE

**Illum Prosperity Sherpas** – *Junior Developer*; Chihuahua, Mexico

**January 2021 – Present**

- Involvement in Nexum, a website which lets the user sign legal documents online

**MD Medical Group** – *Business Analyst specialized in Patient Health Management*; Monterrey, Mexico

**June 2020 – January 2021**

- Researched, in collaboration with our key stakeholders, treatment plans for compliance of medical reconciliations
- Analyzed and filtered COVID-19 patient information for its further processing by different Texas' counties
- Implementation of a fully automatized quality measure control

**ICATECH** – *Business Process Workflow Mapping Analyst*; Chihuahua, Mexico

**May 2019 – June 2020**

- Monitored, documented and standardized process flow diagrams for all departments in the institute
- Planned and implemented norms and control procedures to guarantee optimal performance of other department's operations

**Heineken** – *Intern*; Monterrey, Mexico

**August 2017 – December 2017**

- Collected and analyzed data of Heineken and their key suppliers to generate a timetable that organizes delivery schedules of raw materials; reducing unloading times by 30% and alleviating the warehouses' trailer traffic
- Automated of the warehouses' raw material registry by applying scanner pistols to forklifts, reducing the process time by 40%
- Led the proposal of a fully automated sorting mechanism for reusable containers with the implementation of RFID tags

## EDUCATION

**Instituto Tecnológico y de Estudios Superiores de Monterrey**; Monterrey, México

**August 2013 – December 2018**

B.S. Industrial engineering with minor in systems engineering – 90/100

**Instituto Tecnológico y de Estudios Superiores de Monterrey**; Chihuahua, México

**June 2021 – Present**

Full Stack development online Boot Camp

**Oklahoma State University**; Stillwater, United States

**June 2016 – July 2016**

Business administration and entrepreneurship program

## EXTRACURRICULAR ACTIVITIES

**AECH (Chihuahua's State Students' Association)** – *General Coordinator*

**August 2016 – May 2017**

- Collaborated with a team of 6 to organize activities that increased participation from out-of-state students

**NASA Robotics Club FRC (FIRST Robotics Competition) and NASA FTC (FIRST Tech Club)** – *Mentor*

**January 2013 – December 2014**

- Co-founder and mentor of the FIRST Tech Club for middle school students in ITESM Chihuahua. Competed in the USA, obtaining an inspiration distinction through good communication skills and collaborative teamwork between students and professors
- Participated on FIRST Robotics Competition as a student when in high school, attended tournaments in the USA, obtaining winter's rookie award

## CERTIFICATIONS

**Six Sigma and the Organization** – Course by University System of Georgia on Coursera

**May 2019**

- Understanding, and application, of Six Sigma's which emphasize planification of projects, as well as quantifying their results

**Toyota Production System (TPS)** – Course by CLUSTER of Nuevo Leon

**April 2017**

- Potential savings of PS\$600,000 when applying +40 improvements to machinery and processes
- Application and implementation of a 5S system within a company to assure the process control on their production techniques

## COMMUNITY INVOLVEMENT

**Food Bank Consulting Group** in collaboration with HEB; Monterrey, Mexico

**January 2017 – May 2017**

- Traveled around northern Mexico, helping different Foodbanks assure quality of their food products, as well as the efficiency of all processes, with the implementation of 5S quality tools within their reception, quality control processes and shipping