MARISA JACQUELINE DÍAZ GARCÍA

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EDUCATION

- **Bachelor of Engineering - Digital Systems and Robotics**   Expected June 2022
  Tecnológico de Monterrey, campus Monterrey (ITESM)   Cumulative GPA: 96/100
- **Web Development Summer Course**   June – August 2019
  ECE Paris Ecole d´Ingénieurs

WORK EXPERIENCE

- **Software Developer – Part Time** (June 2020 - Present).
  Kalypso - A Rockwell Automation Company, Monterrey, Nuevo León, Mx
  Built an IoT application to remotely manage and deploy software updates to medical devices around the world using ThingWorx, a web-based IoT platform.
  Developed Azure IoT Edge modules to turn medical devices into smart connected devices that send real-time data to the IoT application.

PERSONAL PROJECTS

- **Toy Assembly Robot** (May 2021)
  Built a simulated IRB 14000 robot that picks up the chassis and body of a toy car with one arm and assembles them with the other. *RobotStudio.*
- **Compiler and Programming Language "Lola"** (August 2020 – December 2020).
  Created a programming language and developed a compiler which analyzes its lexicon and syntax and simulates its translation and subsequent execution in assembly language. *Python.*
- **Digital Coordinator and Web Developer of "SAFE"** (March 2020 – September 2020).
  Coordinated the digital team of a SME that minimizes the spread of COVID-19 by sanitizing and delivering supermarket products and groceries.
  Achieved a 9% increase in sales by developing a website. *HTML, CSS, JavaScript, PHP.*

ADITIONAL EXPERIENCE AND AWARDS

- **Coordinator in "WIT Kalypso"** (August 2020 - Present). Empowered women within Kalypso Company to grow professionally and personally by organizing contests and events.
- **Winner of Kalypso Innovation Competition** (2020). Awarded 1st place by writing "Don't survive the digital transformation, lead it", an essay about the use and impact of technologies in the digital transformation of industries and consumers.
- **Academic Excellence Diploma** (2018). GPA: 96/100, highest 10% of the generation.
- **Winner of Entrepreneurship and Social Impact Contest** (2017). Awarded 1st place out of 30 projects.
  Improved the economy of indigenous communities by promoting and marketing their crafts.
  Coordination of resources, member activities and relationship building with partners.

TECHNICAL SKILLS AND LANGUAGES

Proficient: C++, HTML, CSS, Bootstrap
Intermediate: JavaScript, Python, C#
Prior experience: PHP, MySQL

English: Proficient
German: Basic
Spanish: Native speaker