




# MARÍA DANIELA BAPTISTA THEUERKAUF

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## ABOUT ME

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I am a systems engineer and have extensive programming experience, as well as a deep knowledge of control systems. I have demonstrated my programming and software engineering skills through various projects, including game development and e-commerce using WordPress and WooCommerce. Recently, I earned a Google certification in data analytics, furthering my skills. I excel in problem solving skills, teamwork and adaptability, have a passion for continuous learning and a strong sense of self-motivation. Eager to evolve professionally, I enthusiastically accept new challenges and development opportunities.

## EDUCATION

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**Los Andes University**

*Bachelor in Systems Engineering*

04/2012 - 12/2019

*Mérida, Venezuela*

## BACHELOR'S THESIS

**Supervisory Control Design of Hybrid Renewable Energy Systems** | *Matlab/Simulink, LaTeX*

## COURSEWORK

**Relevant Courses:** Programming (C/C++): Object-Oriented Programming, Data Structures & Algorithms, Algorithm Design and Analysis. Computer Architecture, Software Engineering, Discrete Math, Linear Algebra, Probability & Statistics (R), Control and Automation Systems (Matlab & Simulink), System Modelling and Identification, Signals and Systems, Microcontrollers, Robotics (Arduino).

**Relevant Projects:**

**Software Development:** **Video Game** | *Graph Theory, C++, Qt*. **E-Commerce** | *Django, PostgreSQL*.

**Line Following Robot** | *Arduino as the core microcontroller*.

**Design and implementation of signal filters for audio processing.** | *Matlab / Simulink*.

## SKILLS

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**Technical Skills:** C/C++, Python, JavaScript, HTML/CSS, MySQL, R, Git/GitHub, VS Code, Qt, Wordpress, Woocommerce, Matlab/Simulink, Linux, L<sup>A</sup>T<sub>E</sub>X, Microsoft Excel, Tableau

**Personal Skills:** Problem-solving skills, Teamwork skills, Willingness to learn, Self-motivation, Organizational skills, Adaptability.

## LANGUAGES

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**Spanish:** Native | **English:** Fluent | **German:** Intermediate (B2)

## CERTIFICATIONS

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**Google Data Analytics Specialization** | *by Google on Coursera*

07/2023 - 01/2024

- Obtained the Google Data Analytics Professional Certificate by completing eight courses developed by Google, emphasizing hands-on, practice-based assessments.
- Demonstrated proficiency in utilizing various tools and platforms, including spreadsheets, SQL, Tableau, and R.
- Equipped with the skills to prepare, process, analyze, and share data, enabling thoughtful and strategic decision-making.

Check this certificate at: [www.coursera.org/account/accomplishments/specialization/certificate/BDM5VPWV5CEA](https://www.coursera.org/account/accomplishments/specialization/certificate/BDM5VPWV5CEA)

**Accenture North America Data Analytics and Visualization** | *Job Simulation on Forage*

08/2023

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions and subsequent presentation of the results.

## WORK EXPERIENCE

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### **E-Commerce Administrator** | *Catabra Start-Up* | *Remote*

09/2021 - 03/2022

- Performed routine maintenance for site reliability and security.
- Updated product listings and prices regularly.
- Implemented software updates (WordPress, WooCommerce) for security and performance.

### **E-Commerce Developer** | *Catabra Start-Up* | *Remote*

12/2020 - 08/2021

- Developed a WordPress and WooCommerce e-commerce site for a Start-Up in Bogotá (Colombia).
- Customized front-end templates (CSS/HTML) for a unique design.
- Created various sections within the e-commerce platform.
- Integrated payment gateway 'Mercado Pago' for secure payment processing.
- Created product categories and organized them for efficient product management.
- Uploaded product listings, including detailed information, pricing, and images.

### **Teaching Assistant** | *Control and Automation Dept., Engineering Faculty, Los Andes University*

02/2018 - 11/2019

- Assisted university professors in teaching courses in control and automation, instrumentation, system identification, and physical system modeling.
- Prepared course materials, supported students, and facilitated practical labs.

## INTERESTS

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**Data Analysis, Machine Learning, Artificial Intelligence, Autonomous Systems, Internet of Things, Robotic, Software Development, Smart Cities, Smart Buildings, Renewable Energies**