

MARÍA DANIELA BAPTISTA THEUERKAUF

[GitHub](https://github.com/danielabaptista) [Website](https://danielabaptista.github.io) [LinkedIn](https://www.linkedin.com/in/baptista-daniela)

[Email](mailto:m.danielabap@gmail.com) 📍 Tübingen, Germany ➤ German, Venezuelan

ABOUT ME

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

Los Andes University 04/2012 - 12/2019
Mérida, Venezuela
Bachelor in Systems Engineering

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

Technical Skills: C/C++, Python, JavaScript, HTML/CSS, MySQL, R, Git/GitHub, VS Code, Qt, Wordpress, Woocommerce, Matlab/Simulink, Linux, L^AT_EX

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

LANGUAGES

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

CERTIFICATIONS

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/BDM5VPWW5CEA

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

E-Commerce Administrator <i>Catabra Start-Up Remote</i>	09/2021 - 03/2022
<ul style="list-style-type: none">• 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 <i>Catabra Start-Up Remote</i>	12/2020 - 08/2021
<ul style="list-style-type: none">• 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 <i>Control and Automation Dept., Engineering Faculty, Los Andes University</i>	02/2018 - 11/2019
<ul style="list-style-type: none">• 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

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