PROFILE

I am an engineer passionate about web programming and constantly learning new technologies and tools.

KEY SKILLS

React.js, Node.js, Carbon Design, Material-UI, Bootstrap, Tailwind, GIT/GITHUB, CSS-SASS, Firebase Firestore, HTML5, REST API's. R.

LANGUAGES

Spanish: Native speaker

English: Professional working proficiency

Two years of English in University (2018-2020)

IELTS Academic - Band Score 6.0 (2017)

German: C1-BelinoSchule (2020)

Portuguese: C1 - CELPE-BRAS- Upper Intermediate (2013)

CONTACT

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+573229556477

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nata_garcia23@hotmail.com

https://www.linkedin.com/in/nataliagarciarosas/

https://twitter.com/natagr

https://www.researchgate.net/profile/Natalia-Garcia-18

NATALIA GARCIA
JUNIOR WEB SOFTWARE DEVELOPER

Website: **https://garcia-dev.es/**
Github: **https://github.com/natagr23**

WORK EXPERIENCE

UNPAID EXPERIENCE: WEB DEVELOPMENT-React web developer
09.2021-present

Featured Projects:

Agro-App   **https://agro-app.garcia-dev.es/**
https://github.com/natagr23/Agro_App

CRUD web app with Authentication
- Uses Google Firebase for databse storage
- Allows users to add, edit and delete agricultural products and show them in GoogleMaps. It has a Search bar to filter products
- Built with React, Node.JS, MUI, Firebase Firestore, GoogleMaps, Hooks, UseContext

Photo Catalogue   **https://photoscolombia.garcia-dev.es/**
https://github.com/natagr23/old-photos

Web app retrieving old photos from Colombia from the Dresden digital photo catalog
- Allows users to view old photos of at least eight cities in Colombia. Users can zoom in and out and download photos. Built with React, MUI, Hooks UseContext

Weather Charts   **https://ideam-statistics.garcia-dev.es/**
https://github.com/natagr23/weather-statistics

Web App displaying graphs with data from the Colombia Institute of Hydrology
- Users can see the exact daily river levels by hovering over the graph.
- It makes requests to retrieve climatic data of weather stations. Built with React, MUI, UseContext. Creation of graphs using D3.js

RHEINPLAN Ingenieurgesellschaft - Environmental Engineer
01.2021-06.2021
Preparation of explanatory reports on irrigation pipelines. Drawing of general plans, site plans, longitudinal sections with BricsCAD.

INALCON, CMM Environmental Engineer
01.2012 – 06.2017
Evaluation and Design of water structures, waste and stormwater pipelines using SewerGEMS and EPA SWMM, Autocad, ArcGis and Microsoft. Conducting field visits and interviews on sanitation in rural areas of Colombia.

EDUCATION

IBM Carbon Design System Developer Essentials – React
07.2022

Front-end Development-(React/Redux/TS/JS)
(Udemy)
09.2021 – Present
Non-formal education program with practical challenges in developing web apps

Technische Universität Dresden - Master of Science in Hydroscience and Engineering (Language of instruction: English)
10.2017 – 10.2019
Thesis: Evaluation of rainfall runnoff modelling using BROOK90 in R in a case study of a catchment area in Colombia

Universidad Distrital Francisco José de Caldas - Bachelor of Science in Environmental Engineering
08.2006- 04.2013

CERTIFICATE OF THE MASTER EXAMINATION

Ms Natalia Garcia Rosas

born in Bogotá on 20 August 1987

has passed the examination in the Master programme

Hydro Science and Engineering

in accordance with the examination regulations for the Master programme with

Final grade: good (2.0)

(ECTS-Grade: C)

and has achieved the following examination results:

Master thesis titled:

Evaluation of rainfall runoff modelling using BROOK90 in R in a case study of a catchment area in Colombia

Supervisor:	Prof. Dr. phil. Christian Bernhofer
Grade:	good (1.9)
Credits:	30

Module examinations	Cr	Grade
Compulsory modules		
Statistics	5	1.3
Climatology and Hydrology	5	2.5
Geodesy	5	2.3
Soils	5	2.3
Study Project IWRM	10	1.3
Hydromechanics	5	3.7
Hydraulic Engineering	5	3.7
Optional modules		
International Water Issues	5	1.3
Circular Economy	5	2.4
Flood Risk Management I	10	1.8
Flood Risk Management II	10	1.9
Climate Change	5	2.1
Hydrodynamics	5	2.3
Watershed Management II	5	1.3
Urban Water II	5	3.0
Additional module		
Climate Systems and Climate Modelling	5	p

For the assessment of the individual exam achievements in module examinations, please see Annex to the Certificate.

Duration of degree studies including the completion of the Master Examination semesters: 4

Dresden, 17 September 2019

Chairman of
Examination Board

Prof. Dr. phil.
Christian Bernhofer

TECHNISCHE UNIVERSITÄT DRESDEN

DIPLOMA SUPPLEMENT

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. HOLDER OF THE QUALIFICATION

1.1 Family Name / 1.2 First Name

Garcia Rosas, Natalia

1.3 Date, Place, Country of Birth

20th of August 1987, Bogotá

1.4 Student ID Number or Code

n.a.

2. QUALIFICATION

2.1 Name of Qualification (full, abbreviated; in original language)

Master of Science (M.Sc.)

Title Conferred (full, abbreviated; in original language)

n.a. - n.a.

2.2 Main Field(s) of Study

Hydro Science and Engineering

2.3 Institution Awarding the Qualification (in original language)

Technische Universität Dresden
Fakultät Umweltwissenschaften

Status (Type / Control)

University / State Institution

2.4 Institution Administering Studies (in original language)

[same]

Status (Type / Control)

[same / same]

2.5 Language(s) of Instruction/Examination

English

Certification Date: 17th of September 2019

Prof. Dr. phil. Christian Bernhofer