

## HECTOR DANIEL NIETO RUIZ

Riobamba, Ecuador

dn.642012@gmail.com

## **EDUCATION:**

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### **Escuela Superior Politécnica of Chimborazo (ESPOCH), Riobamba, Ecuador**

*Software Engineer*

September 2019 - April 2024

### **Educational Preparation and Career Exploration, Riobamba, Ecuador**

*Explored academic options aligned with a career in software engineering.*

July 2017 - September 2019

*Focused on university entrance exam preparation and self-learning in computing and mathematics.*

### **Secondary School: Unidad Educativa Riobamba, Riobamba, Ecuador**

*Science*

September 2011 - July 2017

## **WORK EXPERIENCE:**

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### **Escuela Superior Politécnica of Chimborazo**

*Engineering & Data Analyst*

Riobamba, Ecuador

January 2024 - Present

- Conducted analysis of meteorological data from various stations in the Province of Chimborazo, providing key insights for the research project.
- Performed data cleaning to ensure quality and accuracy, which enhanced the reliability of analysis results.
- Developed and implemented a tool to automate and optimize data queries for researchers, resulting in significant time savings.
- Developed the frontend of the web application, improving user experience and tool accessibility.
- Currently developing the backend of the web application, focusing on implementing a scalable and efficient architecture.

## **SKILLS:**

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- Software and Data Tools:** PowerBi, Excel, GitHub, SQL, PostgreSQL, Python, JavaScript
- Languages:** Fluent Spanish, English (spoken and written)