

EDUCATION

Pontificia Universidad Javeriana
Bachelor's degree in systems engineering:GPA:4.2

Bogotá,Colombia
June 2021- December 2026

RELEVANT COURSES

-Data analysis and visualization -Data analytics -IT strategic management - Innovation and entrepreneurship project

TECHNICAL SKILLS

-Data Analysis & Visualization: Power BI, Tableau, Excel, Python | Databases: SQL | Design & Presentation: Photoshop

SCHOOL PROJECTS

Vital Age App | *Java,Kotlin,Firebase,Android Studio*

February 2025- June 2025

- Application designed to support caregivers in ensuring patients take their medications on time and track vital signs to provide actionable health insights.
- Accomplished 90% visualization of patient medical history as measured by complete graphical representation of all vital signs (heart rate, respiratory rate, temperature, blood pressure, oxygen saturation, BMI, weight, pain scale) by developing an interactive dashboard and analyzing usage data to inform decisions.

Data analyst SECOP II: | *Power BI,Python,SQL*

May 2025- August 2025

- Analyzed the public procurement process within the Gobernación del Huila, mapping the entire workflow from planning, contractor selection, to execution and supervision.
- Accomplished enhanced process transparency and decision-making as measured by key performance indicators (KPIs) such as budget execution, service quality, and citizen trust, by visualizing procurement data and deriving insights from SECOP II and official reports.
- Key statistic: 27% of non-competitive contracts accounted for \$1.5 trillion, while 73% of competitive contracts totaled only \$0.55 trillion in the Huila Governor's Office.

WORK EXPERIENCE

Technical Strategy Intern
MEDTRON AG

October 2025- May 2026
Saarbrücken,Germany

- Leading a project to develop a software-controlled electro-mechanical tool for clinical use, improving operational accuracy and reliability by analyzing requirements, designing system architecture, and coordinating tasks across electronics, mechanics, and software.
- Part of an EPS program with team members from multiple countries and academic disciplines, developing cross-cultural collaboration experience.

Data analyst at Prosofi
Pontificia Universidad Javeriana

July 2024- December 2024
Bogotá,Colombia

- Researched and analyzed student and project data using Power BI to identify trends and key insights. Delivered findings and strategic recommendations to the university's board of directors to support informed decision-making.
- Accomplished a 79% error reduction as measured by error rate input by automating validation, using dropdowns and macros in Excel.

Teacher Assistant
Pontificia Universidad Javeriana

February 2022- December 2024
Bogotá,Colombia

Courses:Data Structures,Advanced Programming,Introduction to programming

- Weekly group lessons. (8 - 10 people).
- Weekly supervising and assisting students in workshop. (20 people).

AWARDS

- L'Oréal Brandstorm:Developed NeoMen, an AI and AR-based app promoting personalized, inclusive, and sustainable men's grooming, defining KPIs for user adoption, engagement, and eco-friendly impact.
- Hackathon on Digital Solutions for Tourism 4.0 (Colombia–Costa Rica, 2024): Achieved 2nd place out of 27 teams at Pontificia Universidad Javeriana, developing an innovative digital tourism solution.Repository:<https://github.com/JuanCor24/goingtour>
- Participated in 15+ national and 10+ regional Competitive Programming contests. Achieved 91st place out of 490 in the ICPC Regional, and 18th place out of 120 in the ICPC National.
- Global Huawei ICT Competition (2023–2024): Advanced through regional and national rounds, achieving 2nd prize in the Computing track out of 12 international teams.
- Data Analysis and Visualization Bootcamp (Advanced, 159 hours, Nov 2024) – Acquired advanced skills in data analysis, visualization, and reporting, completing a hybrid-format program.