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## Education

### Universidad Católica de Pereira

Bachelor of Science, Systems and Telecommunications Engineering. GPA: 3.3

Risaralda, PEI

Nov 19, 2025

Relevant Coursework: Computer Networks, Cybersecurity Fundamentals, Machine Learning, Natural Language Processing, Artificial Intelligence and Deep Learning.

Extracurricular Activities: Academic Council Representative (Student Council, 3 years), Participant in the ICPC Colombia XXXVIII National Programming Marathon ACIS-REDIS 2024, Competitive Programming Research Group “Coders” – “Team Leader of a 3-person team and active group member” (3 years), Member of Competitive Programming Research Group “In Sillico” – Universidad Tecnológica de Pereira, Academic Assistant II (6 months), Participant in ICPC Latin American Online Contest 2024 [Codeforces], Participant in ICPC Brazil Regional Programming Contest 2024 (RPC), Participant in both ICPC México Gran Fecha 2024 [1], [2] [Codeforces], UTP OPEN – Nov 2023, Participant in the ICPC Colombia XXXVII National Programming Marathon ACIS-REDIS 2023, Academic Assistant I (6 months).

Design Project: Computational Tool for Extracting Suicidal Ideation from Texts Written in Natural Language: A machine learning-based and Deep Learning tool aimed at detecting suicidal ideation in Spanish-language texts using natural language processing (NLP) techniques.

### Colombo Americano

English Language Proficiency: B2 level (CEFR)

Risaralda, PEI

Nov 19, 2022

### Institución Educativa Byron Gaviria

Academic High School Diploma

Risaralda, PEI

Nov 19, 2020

### National Training Service (SENA)

Technical Degree in Software Programming

ACMESKILLS, 2019

Strengthening of Logic and Mathematical Thinking as a Tool in the Field of Technology, 2019

Motivation and Leadership, 2019

Risaralda, PEI

Nov 19, 2020

## Certifications & Online Courses

### Udemy

Ethical Hacking Introduction – For Beginners

Beginning Bash Scripting

Ethical Hacking on PCs with Malware

Python for Beginners

Learn C Language from ZERO to EXPERT

Learn C++ Language from ZERO to EXPERT

Risaralda, PEI

Feb 1, 2024

July 21, 2023

July 21, 2023

July 20, 2023

June 7, 2023

June 7, 2023

### Cisco Networking Academy

Introduction to Cybersecurity

Risaralda, PEI

Feb 26, 2025

**Juan David García Acevedo**  
**Experience**

**Universidad Católica de Pereira** Risaralda, PEI  
**Academic Assistant II – Programming II** Jan 2024 – Jun 2024

- Provided academic support for students in Object-Oriented Programming and logic development. Assisted in designing elegant and efficient solutions for algorithmic problems.
- Strengthened students' critical thinking skills through personalized guidance and firsthand practice.

**Universidad Católica de Pereira** Risaralda, PEI  
**Academic Assistant I– Programming II** Aug 2023 – Jan 2024

- Delivered theoretical and practical reinforcement for object-oriented programming.
- Guided students in bridging foundational and advanced programming knowledge.
- Enhanced critical thinking and systematic problem-solving through structured support.

**Universidad Católica de Pereira** Risaralda, PEI  
**Coders Research Group– Competitive Programming Team Leader** Oct 2022 – Oct 2024

- Led a team of three in national algorithmic competitions including ICPC Colombia.
- Taught data structures and C++ algorithms to new members in training sessions.
- Represented the university in the UTP Open 2023, winning first place among internal teams.

**Universidad Tecnológica de Pereira** Risaralda, PEI  
**In Sillico Research Group – Competitive Programming Team Member** Oct 2022 – Oct 2024

- Participated in national and international RPC programming contests (ICPC Latin America).
- Practiced advanced algorithms and problem-solving as a member of team UTP Fernant.
- Collaborated weekly with peers to improve contest performance and teamwork.

**ICPC Colombia – National Programming Marathon (ACIS-REDIS)** Risaralda, PEI  
**Contest Participant – Sep 2023 & Oct 2024** Oct 2022 – Oct 2024

- Competed in ICPC National Marathons with over one hundred teams across Colombian universities.
- Solved complex algorithmic challenges under time constraints in competitive settings.
- Contributed to university presence and visibility in national programming contests.

**Leadership & Activities**

**Coders Competitive Programming Research Group** Risaralda, PEI  
**Team Leader** Oct 2022 – Oct 2024

- Led university team in competitive programming contests including ICPC Colombia.
- Organized C++ data structures workshops for junior students.
- Mentored new members in algorithmic problem-solving strategies.

**Skills & Interests**

**Technical:** Python, C/C++, Java, SQL, Bash; Linux server administration (Ubuntu, Arch, Red Hat); Red Team scripting and CTFs (Hack the Box, TryHackMe, VulnHub); NLP and machine learning basics; Network fundamentals (Cisco-level)

**Language:** Spanish (Native), English (B2 – Upper Intermediate, certified)

**Interests:** Cybersecurity and ethical hacking, competitive programming, scripting challenges, reading about AI and Operating Systems at low level, Linux Kernel, drafting technical reports in LaTeX