SEBASTIÁN CABALLERO

SOFTWARE DEVELOPER
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• ABOUT ME

Bachelor's degree in Applied Mathematics and Computer Science with minors in Cybersecurity, and Artificial Intelligence; Student of MS in Electrical Engineering with focus on Machine Learning and Artificial Intelligence, with a diverse skill sets spanning Web Development and soft skills. Over three years as a Freelance Full-Stack Web Developer creating robust and user-centric web solutions. As a professional expert and project leader at HackXColombia within Fundacion2050, I spearheaded transformative initiatives, showcasing both my technical acumen and leadership in driving digital transformation events. Aditionally, my tenure as a delegate at the Harvard National Model of United Nations not only fortified my understanding of global issues but also enhanced my repertoire of soft skills, positioning me as a persuasive communicator and main speaker. A trailblazer in leadership roles, I proudly served as the first President of the Engineering, Science, and Technology Student Council, fostering innovation and collaboration within the academic community. My commitment to driving digital transformation is evident through my active participation as an organizer and speaker at notable events, including 'Inaugural Academic Conference 2019: Transforming Country in the digital era,' 'SACÚDETE: Digital Transformation,' 'University Dialogues: Protect and share ideas,' and 'Festival of the Art of Entrepreneurship (FAdE).' These engagements reflect my passion for harnessing technology to propel societal and business advancement.

• EDUCATION

Universidad del Rosario - University of the Fraser Valler (student exchange)

BCs, Applied Math and Computer Science

GPA: 3.73

University of South Florida

MS in Electrical Engineering with focus on Machine Learning and Artificial Intelligence

EC-Council and CISCO

Ethical Hacking Essentials and Digital Forensics Essentials / Networking Essentials

Certificates 2023

• COURSES / SKILLS

Platzi Courses

Student since 2017. Certified Courses in Python, WebDevelopment, Data Science.

Universidad del Rosario

Student since 2019. Certified Course in High Performance Computing.

• EXPERIENCE AND WORK

Professional Expert

FundacionColombia2050, Oct 2023 - Apr 2024

Ideation and execution of HackXColombia, the first justice driven hackathon in Colombia. On 2024 this event has resulted in a project in a vulnerable region, Tumaco.

Data Analyst

URosario Entrepreneurship Center, Jun 2022 - Jan 2023

• Leader of experiences oriented to innovation, creation and ideation in revolution 4.0.
• DataAnalyst, creating reports with data visualization demonstrating impact and projecting new goals.

Web Developer

Freelance, Ene 2021 - present

• UI/UX design.
• Frontend and Backend developer.

Co-Founder

Bold Strategy Marketing Agency, Feb 2023 - present

• Software and web developer.
• Lead digital innovation and strategic direction, crafting technological cutting-edge solutions.

TECHNOLOGIES AND CERTIFICATES

Programming Languages, libraries and Frameworks

Certificates in platforms such as Platzi, ThreeJS Journey, Databricks, Cisco and Udemy:

- **Python 3 years**

Django, Numpy, Keras, Scikit Learn, Pytorch, Matplotlib, Seaborn.

- **JavaScript 3 years**

NodeJS, ECMAScript6+, API REST consuming, React, ThreeJS.

- **Linux 3 years**

Debian based Operating Systems

- **SQL 2 years**

Postgres, MySQL, Database Management, visualization and analytics.

- **LLMs 1 year**

Oriented to LLMs applications, Hugging Face/Langchain. LLaMa2/3, GPT APIs

- **Ethical Hacking Essentials**

Certificate given by the EC-Council

- **Digital Forensics Essential**

Certificate given by the EC-Council

- **Networking Essentials**

Certificate given by the CISCO

EVENTS

Harvard National Model of United Nations

Engaged in a high-stakes debate challenge as a delegate within the Security Council at the prestigious Harvard National Model of United Nations.

University Dialogues: Protecting and sharing ideas

Main speaker in celebration of International Intellectual Property Day on April 26, 2022.

Inaugural Academic Conference 2019: Transforming Country in the digital age

Organizer and speaker on February 11, 2019 at the Colsubsidio Cube in Bogotá

Festival of the Art of Entrepreneurship

Organizer of the first Festival of the Art of Entrepreneurship in Latin America at Universidad del Rosario in March 2022.

REFERENCES

Rafael Méndez
Dean, School of Engineering, Science and Technology, Universidad del Rosario

rafael.mendez@urosario.edu.co

María Alejandra Correa
Director for Academic Affairs Entrepreneurship Center URosario

mariaal.correa@urosario.edu.co

Walter Foreman
Associate Director, International Relations University of the Fraser Valley

walter.foreman@ufv.ca

RECOGNITION

President of Student's Council at the School of Engineering, Science and Technology

First president of the student's council within the School of Engineering, Science and Technology at Universidad del Rosario

Teambuilding Director at URDiplomats

Member of the Board of Directors at URDiplomats, team that represents Universidad del Rosario and Colombia in Harvard National Model of United Nations

Emerging Leaders in the Americas

Awarded by the Emerging Leaders in the Americas Program with short-term exchange opportunity for study at Canada.

LANGUAGES

Spanish

Native speaker, first language.

English

Certified B2 by Cambridge and TOEFL

SOCIAL WORK

Monitor and tutor

Monitor and tutor in areas such as mathematics, programming, debate and negotiation for both vulnerable communities and students or enthusiasts of these topics.

SACÚDETE: Digital Transformation

Organizer of "SACÚDETE: Digital Transformation" on July 15, 2019 in Guamal, Meta, within the SACÚDETE initiative of the Government of Colombia. Conducting digital transformation workshops for vulnerable communities.

Digital Transformation, Challenger

Organizer of "Digital Transformation, Challenger" in Ciudad Bolívar on March 13, 2020 supported by Challenger and the Universidad del Rosario. Speaker and workshop leader in sessions on approaching technologies of the 4.0 revolution.

Pitch day with Maastricht University

Judge of the Pitch Day carried out by the entrepreneurship center in November 2023 within the activities planned for exchange students of Maastricht University