







Personal details

 Enrique Alberto Niebles Saco

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 Am Helmholtzring 2 e
98693 Ilmenau, Germany

 Colombian

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Languages

Spanish 

English 

German 

Skills

Teamwork and team management


Leadership skills


Java, Python und SQL


Knowledge in web development
(HTML, CSS, JavaScript, React)

Data Analytics, Data Visualization

Hobbies

 Read manga and comics

 Walking in nature

 Bowling

Enrique Alberto Niebles Saco

Profile

I am an outstanding electrical engineering student who is pursuing a double degree in computer science and systems engineering. My high academic and scientific level and my initiative distinguish me. Thanks to my training, I have leadership skills and knowledge in public management. In addition, I speak several languages, which enriches my professional experience. My technical skills include various programming languages that I use for software development and solving technical challenges. My professional profile focuses on software architecture, signal analysis, artificial intelligence, and data science.

Employment

Academic tutor for Discrete Structures subject Jan 2021 - Jul 2022
Resource Center for Student Success (CREE), Universidad del Norte. Barranquilla, Colombia

- Academic supervision of students.
- Combinatorial analysis.
- Algorithms of graph theory.
- Recurrence relations.
- Recursive function design.
- Ordinary and Exponential Generating Functions.
- Using Python, Matlab and Visual Basic to solve problems.
- Latex.

Academic tutor for Communication systems subject Jul 2021 - Nov 2021
Resource Center for Student Success (CREE), Universidad del Norte. Barranquilla, Colombia

- Academic supervision of students.
- Use of Python and Matlab for analysis of stochastic processes.
- Understanding of AM and FM modulations.
- Frequency and time analysis of a signal.
- Passband and digital communications.

Vice-chair of the Vehicular Technology Society chapter Jan 2021 - Jan 2022
IEEE Student branch Universidad del Norte, Barranquilla, Colombia

- Manage social networks and communication channels of the chapter or affinity group.
- Co-lead the National Events of the Branch, taken over by the IEEE Branch Uninorte.
- Working collaboratively with a work team on a topic and under the supervision of a responsible
- Instructor.
- First-hand interaction with members and participants of the activities.
- Receiving the various trainings offered by the Branch Manager to improve skills.

Courses

German as a foreign language B2.2 (2 months) Sep 2022
Carl Duisberg Center. Cologne, Germany.

Seeds for the future training program Sep 2021
Huawei Technologies.

Industry 4.0 business opportunities Sep 2021
Universidad EAN.

Leadership and emotional education Jan 2021
Fundación Liderazgo Chile FLICH.

Artificial Intelligence Aug 2020
MINTIC and Platzi course with 200 theoretical and practical hours.

References

Ing. Alfonso M. Mancilla Herrera, M.Sc. Ph.D.
Universidad del Norte, Barranquilla, Colombia
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Ing. M.Sc. Enrique E. Niebles Nuñez, Ph.D.
Universidad Autónoma del Caribe, Barranquilla, Colombia
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Education

Computer Science Technische Universität Ilmenau, Ilmenau, Germany	Oct 2022 - Present
Computer Science Universidad del Norte, Barranquilla, Colombia	Jul 2019 - Present
Electronics engineer Universidad del Norte, Barranquilla, Colombia	Jan 2018 - Nov 2022
Data Scientist Correlation One	Mar 2022 - Jul 2022
Programming skills training program Universidad de Antioquia, Medellín, Colombia	Mar 2021 - Dec 2021

Achievements

- Scholarship for education and training in Germany KOSPIE 22/23. German Academic Exchange Service (DAAD), Germany.
- Graduated with honors, 2022. data science 4 all. Correlation One.
- Electrical engineering dean's list, 2022-I. Universidad del Norte, Colombia.
- Huawei Technologies Seeds for the Future Program 3rd place, 2021. Huawei Technologies.
- Seeds for the Future Program scholarship recipient, 2021. Huawei Technologies.
- Electrical Engineering 2020-II dean's list. Universidad del Norte, Colombia.
- Sakura Science Exchange Program scholarship recipient, 2017. Japan Science and Technology Agency.
- Ser Pilo Paga 4 Scholarship, 2017. ICETEX, Colombia.
- Academic Excellence Award, 2017. IDDI Nueva Granada, Colombia.