CAIO LAGANÁ FERNANDES

Ph.D Physicist ~ Developer

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São Paulo, Brazil linkedin.com/in/caiolagana

SUMMARY

Possess Ph.D. in High Energy Nuclear Physics at the European Organization for Nuclear Research (CERN). Awarded the Best Ph.D Thesis Prize by the Brazilian Physical Society in 2020. Experienced in programming languages, software development and data analysis.

SKILLS

Languages: Python, C#, AngularJS, JavaScript, HTML, C++, C.

Technologies: Docker, GCP, AWS, MongoDB.

PROJECTS

C++ — **Hypernuclei Search at CERN**   https://github.com/caiolagana/LnnTTreeCreator

This C++ project was written as part of my Ph.D program. It searchs for the Λnn and Λpn hypernuclei in high-energy Pb-Pb collisions at CERN's Large Hadron Collider. The script was ran over thousands of terabytes of data at CERN's computing infrastructure.

Visual C#, SQL — **Hydroelectric Power Plant Simulator**   https://github.com/caiolagana/PowerPlantSimulator

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Python, AngularJS — **AI Analysis of Legal Documents**   https://github.com/e-fluxus/ia

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EDUCATION

3/2023 - x/2023 — **Lorem ipsum dolor sit amet, consectetuer adipiscing elit.** — School
Enrolled, part time program for development

x/2023 - x/2023 — **Professional Certificate** — School
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x/2023 - x/2023 — **Certificate** — School
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x/2023 - x/2023 — **Engineer** — School
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EXPERIENCE

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x/2023 – x/2023 — scholarship holder — **Lorem ipsum dolor sit amet, consectetuer adipiscing elit.** — Company
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`SQL / Excel`

LANGUAGES

English - B2+, **Spanish** - native