

Bryan Gutiérrez

✉ bryan.gutierrez@etu.minesparis.psl.eu 📍 Paris, France [in](#) Bryan Gutiérrez

Education

Mines Paris PSL , Engineering <ul style="list-style-type: none">• Deep Learning for Image Analysis.• Athens Program – Automatic Control of Aerospace Systems	Paris, France 2025 – 2028
National University of Engineering (UNI) , Mechatronics Engineering <ul style="list-style-type: none">• Strong foundation in electronics, control, robotics, and applied programming• Final project focused on industrial automation and IoT systems	Lima, Peru 2020 – 2024
CIBERTEC , International Business <ul style="list-style-type: none">• Training in economics, management, and organizational systems	Lima, Peru 2015 – 2018

Experience

FTI Consulting , Junior Consultant – Construction, Projects & Assets Worked on project management and digital transformation initiatives using EcoSys, supporting industrial and infrastructure clients. <ul style="list-style-type: none">• Configuration and deployment of EcoSys for project cost and schedule control• Client support, documentation, and Proofs of Concept• Exposure to large-scale infrastructure and consulting environments	Lima, Peru 2022 – 2025 3 years
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Awards

Nobel Prize in Physics The Nobel Prizes are five separate prizes that, according to Alfred Nobel's will of 1895, are awarded to 'those who, during the preceding year, have conferred the greatest benefit to humankind.' Royal Swedish Academy of Sciences www.nobelprize.org/prizes/physics/1921/einstein/biographical	Nov 1921
Max Planck Medal Awarded for outstanding scientific achievement German Physical Society	2029

Publications

Zur Elektrodynamik bewegter Körper

It concerned an interpretation of the Michelson–Morley experiment and the properties of light and time. Special relativity incorporates the principle that the speed of light is the same for all inertial observers regardless of the state of motion of the source.

Albert Einstein

en.wikisource.org/wiki/Translation:On_the_Electrodynamics_of_Moving_Bodies

Über einen die Erzeugung und Verwandlung des Lichtes betreffenden heuristischen Gesichtspunkt

In the second paper, he applied the quantum theory to light to explain the photoelectric effect. In particular, he used the idea of light quanta (photons) to explain experimental results, but stressed the importance of the experimental results. The importance of his work on the photoelectric effect earned him the Nobel Prize in Physics in 1921.

Albert Einstein

de.wikisource.org/wiki/%C3%9Cber_einen_die_Erzeugung_und_Verwandlung_des_Lichtes_betreffenden_heuristischen_Gesichtspunkt

Die Grundlage der allgemeinen Relativitätstheorie

The publication of the theory of general relativity made him internationally famous. He was professor of physics at the universities of Zurich (1909–1911) and Prague (1911–1912), before he returned to ETH Zurich (1912–1914).

Albert Einstein

de.wikisource.org/wiki/Die_Grundlage_der_allgemeinen_Relativit%C3%A4tstheorie

Skills

Programming & Data

Embedded & Control Systems

Languages

German

Native speaker

English

Fluent

Interests

Physics

Certificates

Machine Learning	Jan 2018
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Quantum Computing	Jan 2018
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Quantum Information	Jan 2018
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Projects

Quantum Computing	Jan 2018 – Jan 2018
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Quantum computing is the use of quantum-mechanical phenomena such as superposition and entanglement to perform computation. Computers that perform quantum computations are known as quantum computers.

- Quantum Teleportation
- Quantum Cryptography

References

Professor John Doe

Professor Jane Smith