

# Bryan Gutiérrez

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[📍 Paris, France](#)

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## Education

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### Mines Paris PSL, Engineering

- Deep Learning for Image Analysis.
- Athens Program – Automatic Control of Aerospace Systems

Paris, France

2025 – 2028

### National University of Engineering (UNI), Mechatronics Engineering

- 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

- Training in economics, management, and organizational systems

Lima, Peru

2015 – 2018

## Experience

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### FTI Consulting, Junior Consultant – Construction, Projects & Assets

Lima, Peru

2022 – 2025

3 years

Worked on project management and digital transformation initiatives using EcoSys,

supporting industrial and infrastructure clients.

- 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

## Awards

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### Nobel Prize in Physics

Nov 1921

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](http://www.nobelprize.org/prizes/physics/1921/einstein/biographical)

### Max Planck Medal

2029

Awarded for outstanding scientific achievement

German Physical Society

## Publications

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### 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](http://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](http://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](https://de.wikisource.org/wiki/Die_Grundlage_der_allgemeinen_Relativit%C3%A4tstheorie)

## **Skills**

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**Programming & Data**

**Embedded & Control Systems**

## **Languages**

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**Spanish**

Native

**English**

Fluent

**French**

Intermediate

## **Interests**

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**Physics**

## **Projects**

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### **Quantum Computing**

Jan 2018 – Jan 2018

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