

# CLEISON ARMANDO MANRIQUE AGUIRRE

Civil Engineer



Arequipa, Perú



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C73150N



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cleison-armando-manrique-aguirre

## EDUCATION

### Civil Engineering School (UNSA)

CIVIL ENGINEER

- Thesis: Comparison between an eight story building with metallic SLB dissipaters and the conventional design

Arequipa, Perú

03/2014 - 12/2020

### Electronic Engineering School (UNSA)

STUDENT

Arequipa, Perú

Begin on 01/2022

### Innova Training Center

REVIT STRUCTURES , ARQUITECTURE , MEP

Arequipa, Perú

03/2015 - 05/2015

### EDx, MITx

VERIFIED CERTIFICATE: ADVANCED FLUID MECHANICS: FUNDAMENTALS

Online

06/2021 - 08/2021

### EDx, Cornell University

VERIFIED CERTIFICATE: A HANDS-ON INTRODUCTION TO ENGINEERING SIMULATIONS

Online

06/2021 - 08/2021

### Coursera , MIPT

LECTURES ON SELECTED TOPICS IN CLASSICAL AND FLUID MECHANICS (MIPT)

Online

08/2021 - 10/2021

### Cognitive Class, IBM

PYTHON 101 FOR DATA SCIENCE

Online

08/2021 - 10/2021

### MINES Paris Tech, Centre des Materiux de Mines ParisTech

DESIGN DES MATERIAUX ET DES STRUCTURES

Online

07/02/2022 - 11/02/2022

## HONORS

2018 **Disertation - Building a DIY CNC from scratch with recycled products**, CLAIO 2018

Arequipa, Perú

2017 **2nd postition - Spaguetti bridges**, ETEIC 2017

Arequipa, Perú

2018 **Spaguetti bridge contest organizer**, ETEIC 2018

Arequipa, Perú

2019 **Vicepresident - EERI student chapter**, UNSA

Arequipa, Perú

## OTHER ACTIVITIES

### Certificate of Quantum Excellence

2021 QISKIT GLOBAL SUMMER SCHOOL ON QUANTUM MACHINE LEARNING

Online

07/2021 - 08/2021

### Coursera , University of Pennsylvania

AERIAL ROBOTICS

Online

06/2018 - 08/2018

### Ecole Polytechnique

MECANIQUE QUANTIQUE

Online

09/2021 - 11/2021

### United Nations Industrial Development Organization (UNIDO)

INDUSTRY 4.0

Online

02/2022

### Startup

MAKING A DIY INDUSTRIAL CNC

Arequipa

01/2019 - Presente

### United Nations for Industry Development Organization (UNIDO)

INDUSTRY 4.0

Online

02/2022

### Gen 3d

DESIGN FOR ADDITIVE MANUFACTURING

Online

02/2022

### Autodesk Design Academy

GENERATIVE DESIGN FOR ADDITIVE MANUFACTURING

Online

04/2022

### Youtube channel

<https://www.youtube.com/channel/UCxAbWriSmdK1rat-9SkMRA>

PORTFOLIO

04/2022



## ABOUT ME

Engineer, sportman, software geek, technical enthusiast and maker

## SKILLS

Mathcad

Excel

Microsoft Project

Arduino

ANSYS

Python

RevitMEP

Paraview

MoFEM-Fenics

Salome-Gmsh-FreeCAD-Blender

AutoCAD

SAFE

ETABs

0

+500 h

## LANGUAGES

**English** • Advanced (TOEFL IBT - 517)

**Spanish** • Mother tongue