

# Erick TORNERO

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Callao, Perú | 19 April 1993  
ADDRESS: AAHH Japon, Mz "M", LT "5", VMT, Lima-Perú  
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PERSONAL PAGE: [ericktornero.github.io](https://ericktornero.github.io)

## WORK EXPERIENCE

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Dec 2017	LIMABIONICS SAC, Lima-Peru
MAY 2017	<i>Software and Hardware Developer</i> In charge of the development of the state machine of a bionic arm prosthesis, in ARM Integrated Circuits. Testing and debugging of electronic boards oriented to tasks of conditioning and acquisition of myoelectric signals.
APR 2017	MECHATRONIC ENGINEERING ENGITRONIC SAC, Lima-Peru
DEC 2016	<i>Software and Hardware Developer</i> Development of material for classes in robotics (implementations, coding examples), using technologies as <i>AppInventor</i> , <i>Scratch</i> , <i>Arduino</i> , <i>MBlocks</i> , <i>Unity3D</i> .
MAR 2017	INICTEL-UNI, "Recreational Summer 2017", Lima-Peru
JAN 2017	<i>Partial-time teacher in Virtual Reality</i> Development of the class program and teaching Virtual Reality based on Google-VR SDK and Unity3D to children and teenagers.

## RESEARCH EXPERIENCES:

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Oct 2019	INVITED SPEAKER AT IES DIVINO CORAZÓN DE JESUS, Cusco-Peru <i>Topic: Introduction to Deep Reinforcement Learning</i>
DEC 2019	ORAL SPEAKER AND POSTER PRESENTATION AT LATINX AI WORKSHOP IN NEURIPS2019, Vancouver-Canada <i>Topic: Reinforcement Learning Approach to Fly Quadcopters with a Faulted Rotor</i>

## EDUCATION

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CURRENT	Master of Science in COMPUTER SCIENCE, <b>Universidad Católica San Pablo</b> , Arequipa
MAY 2018	<b>Thesis in Progress:</b> "Reinforcement Learning Approach to Fly Quadcopters with a Faulted Rotor"   Advisor: PhD. Jose E. OCHOA
JULY 2017	Bachelor Degree in MECHATRONIC ENGINEERING <b>Universidad Nacional de Ingeniería</b> , Lima-Peru

## AWARDS

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DEC. 2017	"Business Model Competition UNI (BMC)", Fourth Position. Automated Aeroponics System.
MAY. 2018	"Full scholarship" granted by CONCYTEC & CIENCIACTIVA to study a full-time master's degree in computer science.
DEC. 2019	"LatinX AI Full Grant", Travel, Accommodation and Registration to NeurIPS Conference.

## LANGUAGES

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SPANISH:   Mothertongue  
ENGLISH:   Medium

## COMPUTER SKILLS

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Operative Systems   Linux, Windows  
Version Controller   Git  
Ms Office             Excel, PowerPoint, Word  
Microcontrollers     ARM Cortex, Arduino, PIC18

## PROGRAMMING LANGUAGES

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Language	Level	Frameworks/API's
C++	Intermediate	OpenGL QT
C	Intermediate	STM32 HAL Driver CUDA
Python3	Advanced	Keras Tensorflow Pytorch
C#	Basic	GoogleVR/Unity3D
Latex	Intermediate	-