Erick TORNERO

PERSONAL DATA

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PERSONAL PAGE:	ericktornero.github.io

WORK EXPERIENCE

Dec 2017
MAY 2017

LIMABIONICS SAC, Lima-Peru
Software and Hardware Developer

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
DEC 2016

MECHATRONIC ENGINEERING ENGITRONIC SAC, Lima-Peru
Software and Hardware Developer

Development of material for classes in robotics (implementations, coding examples), using technologies as *AppInventor, Scratch, Arduino, MBlocks, Unity3D*.

MAR 2017
JAN 2017

INICTEL-UNI, "Recreational Summer 2017", Lima-Peru
Partial-time teacher in Virtual Reality

Development of the class program and teaching Virtual Reality based on Google-VR SDK and Unity3D to children and teenagers.

RESEARCH EXPERIENCES:

Oct 2019

INVITED SPEAKER AT IES DIVINO CORAZÓN DE JESUS, Cusco-Peru
Topic: Introduction to Deep Reinforcement Learning

DEC 2019

ORAL SPEAKER AND POSTER PRESENTATION AT LATINX AI WORKSHOP IN NEURIPS2019, Vancouver-Canada
Topic: Reinforcement Learning Approach to Fly Quadcopters with a Faulted Rotor

EDUCATION

AUGUST 2020

Deep Learning Reinforcement Learning Summer School
Canadian Institute For Advanced Research (CIFAR) , Remote assistance.

CURRENT
MAY 2018

Master of Science in COMPUTER SCIENCE, **Universidad Católica San Pablo**, Arequipa
Thesis in Progress: "Reinforcement Learning Approach to Fly Quadcopters with a Faulted Rotor" | Advisor: PhD. Jose E. OCHOA

JULY 2017
APR 2012

Bachelor Degree in MECHATRONICS ENGINEERING
Universidad Nacional de Ingeniería, Lima-Peru

AWARDS

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-2019, Vancouver-Canada.

Languages

SPANISH:	Mothertongue
ENGLISH:	Intermediate

Computer Skills

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

Programming Languages

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