

# Diego David CHARREZ TICONA

MSc Student | Oregon State University

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





Research interests : Embodied AI, Reinforcement Learning, Artificial Intelligence.





## EDUCATION








2021-Present **MSc Computer Science**, Oregon State University, Corvallis OR. | GPA : TBD  
Courses Matrix Analysis, Natural Language Processing with Deep Learning  
2014-2018 **BSc. Computer Science**, Universidad Nacional de San Agustín, Arequipa-Peru. | GPA : 3.72/4

## EXPERIENCE

**Jan 2021 Present** **Graduate Research Assistant, OREGON STATE UNIVERSITY,**  
Working on agent interaction and perception in the Machine Common Sense program.  
   

**Jun 2020 Aug 2020** **Student Developer, GOOGLE SUMMER OF CODE PARTICIPANT WITH JDEROBOT,**  
Integrated Reinforcement Learning algorithms using **Tensorflow** to an autonomous driving car simulation using **ROS** and **Gazebo**. A set of **Docker** images were developed to easily start using the GUI and tools of the project.  
     

**Jun 2019 Aug 2019** **Research Volunteer, LATINX IN AI,**  
Longitudinal study on AI Research Conference Paper Submissions. Gathered insights from submissions and reviews on rejected papers from top AI conferences, like NeurIPS, ICLR, ICML. Contributed code to the project's **repository**.  
   

**Jan 2019 Dec 2020** **Software Engineer, UNIVERSIDAD NACIONAL DE SAN AGUSTIN,**  
Management, optimization and security of the developing and production servers. Developed and maintained multiple software systems for the university's students.  
      

## PROJECTS

### DUCKIETOWN AI DRIVING COMPETITIONS

2019-PRESENT

 [Competition webpage](#)

Thanks to the Duckietown Foundation hardware donation, I have been submitting my reinforcement learning models to the competitions held in different conferences.

### GENERAL STATS ABOUT ICML AND NEURIPS

2019

 [github.com/dcharrezt/NeurIPS-2019-Stats](https://github.com/dcharrezt/NeurIPS-2019-Stats)  [NeurIPS Blog](#)  [ICML Blog](#)

Produced trends and stats graphs from crawled conference data. Redacted blogs about stats in AI conferences (ICML and NeurIPS).

## COMMUNITY SERVICE AND VOLUNTEERING

2020 Volunteer at the ICLR 2020, ICML 2020, and NeurIPS 2020, taking duties as; running python scripts with the zoom api to generate workshops, stress testing, monitoring oral presentations.  
2020 Volunteer on the LatinX in AI Workshop, ICML 2020, making reports and charts for the LatinX organization.  
2015-2019 Conference organizer at the CLEI 2015, CITIE 2018 and the 1st Peruvian Deep Learning Symposium SPDL 2019.

## ACHIEVEMENTS AND AWARDS

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- 2020 Accepted to the DLRL Summer School organized by CIFAR and Mila.
- 2020 Accepted to the LatinX mentoring program and mentored by Pablo Sprechmann from Deepmind.
- 2015-2018 Represented my university in the 2015 and 2018 ICPC South America/South Finals.
- 2018 Travel Award to attend SIGKDD 2018 in London by the National University of Saint Augustine.

## SKILLS

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<b>Programming and Frameworks</b>	Python , C/C++, Javascript, Java , HTML5 , PHP, Nginx, Docker, PostgreSQL, Django, Nodejs..
<b>Libraries</b>	Tensorflow, Pytorch, Keras, Numpy, OpenCV, ROS, Gazebo, Unity.
<b>Languages</b>	English, Spanish (native), Chinese, Portugues.