

## Education

- 2017-Present **Master of Science in Computer Science Student**, *University of Campinas (UNICAMP)*, Brazil.  
Graduation in December 2018
- 2012-2016 **Bachelor in Computer Science**, *Universidad Nacional de San Antonio Abad del Cusco (UNSAAC)*, Perú, 2nd place of all students in class for the last 3 years.

## Awards and Recognitions

- **ACM International Collegiate Programming Contest (ICPC)**: 2015, 6th in all Peru; 2014, 1st in the South of Perú; 2013, top 13% participants in the South Region of Latin America.
- **UNSAAC**: 2014, Winner of the Technology Fair UNSAAC, with a project using PIC 16F84A; 2013, Winner of the Cusco Programming Contest "Cuscontest"; 2012, Achieved 2nd in the Joint Entrance Examination.
- **Colombian Competitive Programming Network**: 2015, Winner of PI-DAY programming contest.

## Languages and Technologies

- C, C++, Python, Java, HTML, PHP, CSS, C#, MATLAB, OpenCV, Scikit-Learn, Scikit-Image
- Netbeans IDE, Eclipse, Visual Studio, Microsoft SQL Server, MySQL, OpenMP, Linux

## Relevant Courses Undertaken/Ongoing

- Machine Learning, Formal Languages, Algorithms, Databases, Networks & Teleprocessing, Software Engineering, Robotic, Concurrent & Parallel Programming, Computer Organization & Architecture, Image Processing.

## Projects and Experience

### 2016 TYPICAL DANCE RECOGNITION USING MACHINE LEARNING.

- Recognition of images of Typical Dances from Cusco using Histogram of Oriented Gradients, Local Binary Pattern, Support Vector Machine, AdaBoost and Random Forest. Implemented with OpenCV, Scikit-learn and Scikit-image.

### 2016 DEEP LEARNING IN SPEECH RECOGNITION.

- Survey of Deep Learning and Speech Recognition. Studied the impact of Deep Learning in Language Recognition based on the approaches used for the challenges in Automatic Speech Recognition and Understanding IEEE 2015.

### 2015 REPOSITORY OF THESIS AND STUDENT WORKS FOR UNSAAC.

- Implemented a software to store, search and discuss about thesis, projects, books and homeworks of all subjects taught in the UNSAAC. Used PHP, HTML and MySQL for the project and documented it using UML case tools.

### 2014 ASSEMBLER PROJECTS WITH PIC 16F84A.

- Implemented a calculator and a distance sensor with a final user interface controlled by a PIC and assembler.

### 2014 RESEARCH ON STANDARDS OF STRUCTURED WIRING.

- Study of the IEEE, TIA/EIA international standards and make a comparison with the standards used in Peru.

## Positions of Responsibility and Extra-Curricular Activities

### 2014 – 2016 ACM Chapter Cusco Chair

Representative of ACM as a Student Chapter, organize events to promote Computer Science and Technology in Cusco

2014 – 2016 Organized Programming Contest in Cusco, witnessing participation of over 160 students per year.

2015 Organized a talk about Bioinformatics, witnessing participation of over 150 students from Cusco.

2014 Organized series of talks about master's and doctoral thesis on research in Computer Science, witnessing participation of over 170 students from Cusco.

2014 Organized a C++ workshop, this workshop was oriented to beginners and had a duration 2 weekends

### 2013 – 2015 Programming Training Camps

Peruvian training Camp (2013 - 2015, topped 5 in all contest), Bolivian training Camp (2014, topped 2 in all contest)