

# Martin Carrasco Castaneda

CS Student

Creative and dedicated



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Lima, Peru 📍

## WORK EXPERIENCE

### Data Scientist Voxiva

01/2020 - 07/2020

Lima

*Business solutions using artificial intelligence and machine learning techniques*

*Achievements/Tasks*

- Responsible for data organization and management
- Data insights and analytics
- Data visualization
- Applications of machine learning models to data of the clients

### TA - Operating Systems UTEC

06/2019 - 12/2020

Lima

*Achievements/Tasks*

- Advisory to students in the course projects and material
- Design quizzes to assess the students in the learning process

## EDUCATION

### Computer Science UTEC

03/2017 - Present

Lima

*Courses*

- Analysis and design of Algorithms / Advance Data Structures
- Databases (I and II)
- Software Engineering

### Introduction on Numerical Modelling of Differential Equations

Universidad Nacional Agraria La Molina

10/2019 - 10/2019

## SKILLS

Programming Languages

Competitive Programming

Machine Learning

Technical Writing

Data Analysis

Software Development

Organization

Creativity

## PERSONAL PROJECTS

### Growing Neural Gas

- Hebbian Learning

### Chip-8 Emulator

- Computer Architecture

### Image processing framework

- Implementation of the FFT
- Implementation of frequency domain filters for image processing

### Small projects (03/2017 - Present)

- <https://github.com/martin-carrasco>

## ACHIEVEMENTS

### IEEEExtreme 2019

*Top 100 in IEEEExtreme competitive programming team competition*

### IEEEExtreme 2020

*Top 300 in IEEEExtreme competitive programming team competition*

### IEEE - Computer Society

*Founding member of the branch of IEEE Computer Society at UTEC and treasurer for 2020*

## LANGUAGES

English

*Full Professional Proficiency*

Spanish

*Native or Bilingual Proficiency*

## INTERESTS

Data Science

Algorithms

Machine Learning

Computer Architecture

Operating Systems