

JUAN BARBOSA

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EDUCATION

UNIVERSIDAD DE LOS ANDES, COLOMBIA 2013–PRESENT

- Undergraduate student in Physics 2013–PRESENT
- Undergraduate student in Chemistry 2014–PRESENT

GPA 3.96/5.00

WORK EXPERIENCE

JUNIOR TEACHING ASSISTANT, AT UNIANDES 2015–2016

Inspired students to develop skills at Newtonian mechanics, astrobiology and computational sciences. Guided them to solve in class problems and wrote performance reports on their applied tests.

COMPUTATIONAL METHODS AUG 2016–DEC 2016

PHYSICS I AUG 2015–MAY 2016

ASTROBIOLOGY JAN 2015–MAY 2015

PUBLIC PROJECTS

SPEC PY (🐍/SpecPy) 2016

Real time Spectrum Analyzer, based on Python.

BLINK DETECTION (🐍/Blink-Detection) 2016

Python application to detect blinking using any web camara.

RUTHERFORD CHEMISTRY (🐍/Rutherford-chemistry) 2015

Gas chromatography–mass spectrometry software.

COMMUNICATION SKILLS

SPANISH	Native speaker
ENGLISH	Fluent (speaking, reading, writing)
FRENCH	Basic (speaking, reading, writing)

SOFTWARE SKILLS

GOOD LEVEL	Python, C, git , JSON, HTML, \LaTeX , Bash
INTERMEDIATE	Java
BASIC	Mathematica, Visual Basic