

Javier Castro

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EDUCATION

FLORIDA INTERNATIONAL UNIVERSITY

BACHELOR OF SCIENCE IN PHYSICS

Expected May 2021 | Miami, FL

Concentration in Engineering

College of Arts, Sciences, and Education

Dean's List (Fall 2017, Fall 2018, Spring 2019)

Cum. GPA: 3.82 / 4.0

COURSEWORK

MATHEMATICS

Calculus I, II, & III

Differential Equations

Linear Algebra

Discrete Methods

Introduction to Advanced Mathematics

PHYSICS

Thermodynamics

Modern Physics I & II

Modern Physics Lab

Astrophysics

Classical Mechanics I

Electromagnetism I

SKILLS

NATURAL LANGUAGES

Native:

Spanish, English

Currently Learning:

Russian

Previously Studied:

French, Catalan, Latin, Korean

PROGRAMMING

Over 10000 Lines:

LaTeX

Over 5000 Lines:

Python, Bash

Over 2000 lines:

C

Over 1000 lines:

Perl

MUSICAL INSTRUMENTS

Piano:

School Band Pianist (2014 - 2015)

Grey Walls Band Pianist (2014 - 2015)

EXPERIENCE

CHOI KWANG DO | ASSISTANT INSTRUCTOR

September 2012 - June 2015

- Attained black belt

CENTRO DE DESARROLLO INTEGRAL |

INFORMAL TUTOR

October 2015 - May 2016

- Voluntary tutoring in mathematics courses

FLORIDA INTERNATIONAL UNIVERSITY |

LEARNING ASSISTANT

August 2018 - Present

- Tutoring in: Calculus I, II, & III; Differential Equations; Linear Algebra; Modern Physics Lab

FIU ASTRONOMY CLUB EXECUTIVE BOARD

| TREASURER

September 2019 - Present

SOCIETIES

2019 FIU Astronomy Club

2018 FIU Society of Physics Students

2015 CeDIN Club de Matemática

REFERENCE CONTACTS

- Emmanuel Rodríguez (Professor):
emmanuelrodriguez@intermetro.edu
- Scheila Pérez (Professor):
scheilaperez@intermetro.edu