

Pedro Salazar Paredes

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EDUCATION

Universidad de los Andes

BS in Systems and Computing Engineering

Minors in Computational Mathematics & Literature

Starting MS in Systems and Computing Engineering in Spring 2020 (Expected graduation: Fall 2022)

BS expected graduation: Spring 2020

Overall GPA: 3.89/5.0

EXPERIENCE

Universidad de los Andes

Teaching assistant

08/2016 - Present

- Algorithms and Object Oriented Programming with honors [Java] (2016-2 - 2018-2).
- Introduction to Programming [Python] (01/2019 - Present).

Universidad de los Andes

Research assistant - Introduction to Programming [Python]

08/2019 - Present

- Worked in a team of five TAs and two teachers in designing and implementing class material.
- Prepared the course for upcoming massification (1000+ students).

Marulanda Consultores for CGAP (World Bank)

Copy editing final fintech reports on Mexico and Brazil

04/2019 and 07/2019

- Revised and edited two of the fintech Connected Digital Markets reports.

EXTRA-CURRICULAR ACTIVITIES & PROJECTS

International Collegiate Programming Contests (ICPC)

Placed twice in the top 10 (5th and 7th) of the ACM-ICPC South America-North Finals.

Autonomous grading tool Senecode

Worked with a professor in the development and implementation of an autonomous grading tool for python programs using python (Django) and containers (Docker) to be used in the Introduction to Programming course by 1000+ students. Available at senecode.virtual.uniandes.edu.co.

SKILLS

Languages

Fluent in English and Spanish with beginner skills in German and Portuguese.

Programming Languages

Java, Python, C++, Haskell, Scheme and a good understanding of the main programming paradigms (functional, declarative, logic).

RELEVANT COURSEWORK

Algorithm Analysis & Design

Mathematical Aspects of Functional Programming

Programming Paradigms

Software Verification

Graph Theory

Data Structures

Intro to the Theory of Computation

Information Theory

Software Architecture & Design

Mobile App Development