

## Martín Reyes Holguín

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### Education

#### HARVARD UNIVERSITY

A.B, Applied Mathematics to Computer Science

Overall GPA: 3.7/Concentration GPA: 3.9

Activities: President of LATAM Organization (HOLA), choreographer of Candela Latin Dance Troupe.

Coursework: ML, NLP, algorithms and complexity, complex and real analysis, probability and inference.

Cambridge, MA

May 2023

#### COLEGIO BOLÍVAR

Bachillerato Colombiano and American High School Diploma

Overall GPA: 3.9

Cali, Colombia

June 2019

### Experience

#### HARVARD UNIVERSITY

##### Teaching Assistant

Teaching assistant for the summer and fall courses in Multivariable Calculus. Prospective teaching assistant for Machine Learning in the spring of 2022. Grades homework and quizzes and leads office hours and sections.

Cambridge, MA

June 2021 – Present

#### HARVARD GROWTH LAB

##### Research Assistant

Implements recommender systems collaborative filtering models to recommend jobs and products for developing countries to propel their economies. Co-authors a research paper with Dr. Andrés Gómez-Liévano.

Cambridge, MA

February 2021 – Present

#### VIGILAMOS RH TIERRA MÉXICO

##### Data Science Intern

Replicated machine learning models that predict crime in Mexico. Coded a function to generate PDF reports of crime in municipalities and states in Mexico for their webapp.

Mexico City, Mexico

January 2021 – January 2021

#### POMBO EDUCATION

##### Founder and CEO

Developed an app that diagnoses educational inefficiencies in the classroom. Designed the UI/UX for the application, a predictive model trained on data from 10,000 schools in Colombia, the firebase infrastructure, etc.

Cali, Colombia

May 2020 – September 2021

#### COLLEGE SCHOLAR

##### Cofounder, Senior College Counselor, and Director of Technology

Counsels students from underprivileged backgrounds in Latin America to study in colleges like Harvard, MIT, Stanford, etc. Created Google app scripts to automate processes and developed the webpage and student portal.

Remote

November 2019 – Present

#### ENGAGING EDUCATION

##### Content Creation Specialist

Programmed virtual chatbots in YAML that teach interactive math lessons and explain math problems.

Remote

November 2019 – December 2020

#### DEREK BOK CENTER

##### Learning Lab Undergraduate Fellow

Created apps using Cinema 4D, Unity, D3.js for classes at Harvard to make learning more interactive.

Cambridge, MA

October 2019 – June 2020

#### COLEGIO BOLÍVAR ENVIRONMENTAL CLUB

##### Software Developer

Developed app that scans supermarket products and displays eco-footprint from life cycle assessment models.

Remote

October 2019 – February 2020

Technical skills: Python, C, SQL, RShiny, JavaScript, Java, OCaml, HTML/CSS, Swift, LaTeX, Firebase.

Languages: Spanish, English, and French (Fluent); Chinese (Intermediate Proficiency)

Interests: Education, Violin, Piano, Guitar, Sustainability, Latin dance, AI for social good, proofs.