




ismart



Pedro Henrique Costa e Silva
Ismart student at Móbile School in São Paulo

Context | Public Education scenarios in Brazil



According to statistics, 41%
of young Brazilians up to 19 years of age **do**
not finish high school



92.7%
of students who finish high school **do not**
acquire the expected skills in math.

Context | Public Education scenarios in Brazil



There are many initiatives to tackle these problems and improve the reality of public education in Brazil ...



but transformative changes take time.



Meanwhile...

Opportunities for low-income gifted students to access a different reality and change their future.



ismart

Founded in 1999 by a group of Brazilian entrepreneurs, Ismart is a private non-profit organization that believes **different forms of talent are distributed across all social brackets.**

Ismart chose as the focus of its work to enable the potential of gifted students, proposing challenging activities and preparing them to occupy prominent positions in the professional areas they choose to pursue.





ismart

20 ANOS



In the last ten years, the project grew to reach

2950

students in 2019.

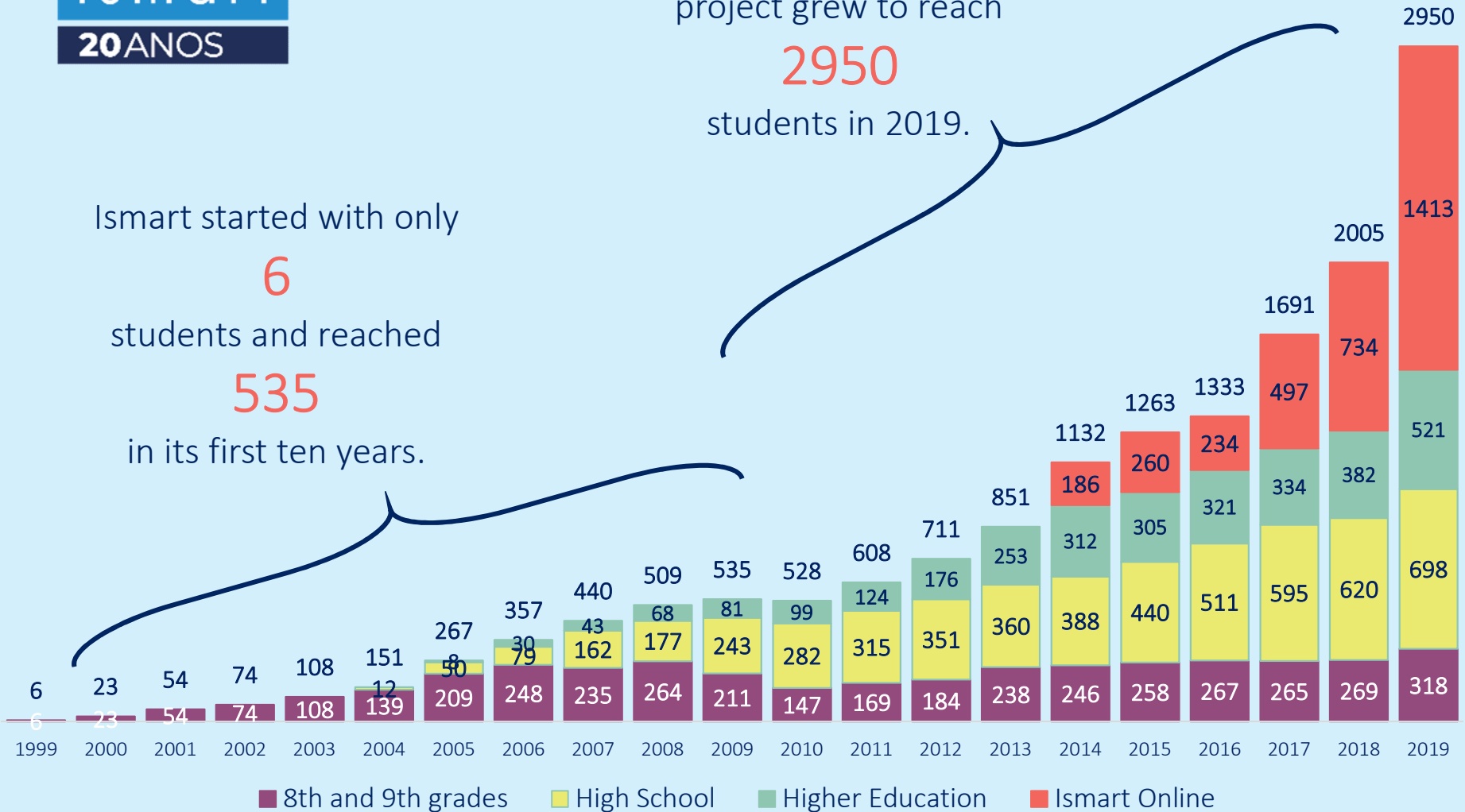
Ismart started with only

6

students and reached

535

in its first ten years.



ISMART

Our mission is to help talented low-income students to reach their full **professional potential** through programs based on **excellence, ethics and productive creativity.**



Larissa Fabião da Fonseca

Information System undergraduate student at USP – São Paulo University. During high school, she participated in a *Summer Program* at Stanford University studying Theory of Relativity



What we do | Our projects

IN-PERSON PROJECTS

8th to 9th grades: preparation to high school

10th to 12th grades: regular student at private high schools + professional guidance

\$ Ismart covers full scholarship and studying expenses



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ONLINE PROJECT

8th to 12th grades

Study platform with online Math, Portuguese, and writing classes.

Projects to develop social-emotional skills.

4 in-person workshops per year.

\$ No cost for students to log into the platform

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HIGHER EDUCATION

Financial support for students attending prestigious universities, in addition to programs focused on personal and professional development.

\$ Students are granted 1 minimum wage per month

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ALUMNI
ISMART

Ismart graduates network and inspiration for current Ismart fellows.

What we do | Development programs



Ismart's Professional Guidance is not only for choosing a profession, but also for the **construction of a life plan.**



We also cater for the development of **21st century skills**, such as autonomy, persistence and critical thinking.



Access to English classes and cultural programs to help **students expand their comfort zones.**



International opportunities to enrich their education and expand their horizons.





How do we contribute to change the future of Brazilian talented students - results

83%
complete
high school

Compared to 58.5% of Brazilian high schools ratios ¹

90% approval in
admission exams
to top Brazilian and
international
universities

Compared to 35.9% of Brazilian high school ratios ²

52% of Ismart
graduates are in
prominent positions
in the job market
(earning a salary above
the market average)

86%
complete
higher
education

Compared to 76.5% of Brazilian private and public college ratios ³

Sources

¹ Todos pela Educação, 2018 – *Cenários da Educação*

² IBGE, 2018 – *Síntese de Indicadores Sociais*

³ Semesp, 2017 – *Mapa do Ensino Superior no Brasil*

SELECTION PROCESS

identification of talented students in a rigid annual selection process

340
spots for
in-person
projects



1000
spots for
Ismart Online



▶ **online
test**



▶ **in-person
test**



▶ **individual
interview**



▶ **home
visit**



▶ **group
dynamics**

**In 2019 more than 22.000
students applied for
ISMART's selection process**

SELECTION PROCESS

identification of talented students in a rigid annual selection process

340 spots for in-person projects + **1000** spots for Ismart Online



▶ online test



▶ in-person test



▶ individual interview



▶ home visit



▶ group dynamics

5 STAGES

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▶ group dynamics

To become known...

Partnership with State and local department of public education + Teachers + Ismart students

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▶ online test



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Identifying gifted students

Raven's Progressive Matrices Test |
Non-Verbal General Intelligence Test (Pearson)
+
Math and Portuguese tests

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340 spots for in-person projects + **1000** spots for Ismart Online



▶ **online test**



▶ **in-person test**



▶ **individual interview**



▶ **home visit**



▶ **group dynamics**

Who are we looking for

Candidates with communication skills, autonomy, resilience and motivation.
Low income families – up to USD 6.200 anual per capita income



Where we are



Belo Horizonte

Sorocaba

Cotia

São Paulo

São José dos Campos

Rio de Janeiro

'My dream is to work in some of the biggest technology companies in the world and to participate in the development of something that impacts the lives of people around the world and marks the history of science.'

He volunteers as tutor to new Ismart students and supports the community in Ismart events



Bronze medal in the National Mathematical Olympiad

Selected for ISMART's preparatory course to study abroad



Erick Passos
14 years old | 9th grade

Like Erick, there are currently **318** Ismart students enrolled in 8th-9th grades

'Learning about the Brazilian reality encouraged me to study harder to overcome the disparities and inspired my will to act in the political system in the future.'

Social work at her neighborhood – teaching English and supporting low income and homeless people



Ruth di Rada

16 years old | 12th grade



International Leadership, Enrichment and Development Summer Program

2 Honorable Mentions
Model United Nations



Like Ruth, there are currently **698** Ismart students enrolled in High School



'Everybody has the power to change their own stories and what surrounds them, but only few realize that and fulfill this potential.'

Taught a free introductory course on computer science aligned with his life's purpose: *empowering people.*



Gustavo Torres

Computer Science | Stanford



Founder | An online course that teaches the youth how to code and connects them with hiring companies

Summer programme at Yale during high school




Like Gustavo, there are currently **520** Ismart students enrolled in universities



'I chose Harvard because of the people I met there, an incredible Brazilian community that wants to go back and make a difference in our country and in the world. And this is what I want to do.'

Studied Computer Science and Mathematics at Harvard.
Worked at Google as an intern.



 Graduated with maximum recognition, Victor was invited to join the Phi Beta Kappa society



Victor Domene
Software Engineer at Nuro
(Silicon Valley startup: develops self-driving vehicles for local goods transportation)

Like Victor, there are currently **224** Ismart Alumni

OUR CHALLENGES

1 **Continually encourage students to dream big and go further**
Help them never doubt their potential: developing their protagonism, resilience and perseverance.



2 **Support students to overcome barriers**
Coming from a low-income reality and being a talented child: overcome introspection, communication, socialization, confidence and limited repertoire.



3 **Increase opportunities for ISMART's students**
Connect students with excellent academic institutions and job opportunities



HOW CAN WE CONNECT?



Do you have experience working with low income talented students? Would you be interested in connecting and exchanging experiences with us?



Any insights that can contribute to our in-person or online projects, as new approaches or technologies?

We are open for partnerships for research | opportunities for our students to study abroad | job opportunities in ISMART



THANK YOU

Mariana Monteiro
Executive Director

mariana.monteiro@ismart.org.br