

Pablo Castro

pablocg08@icloud.com/305-767-5580/pablocastrocode.github.io

Education:

Belen Jesuit Preparatory High School

Expected Graduation Date: 2026

Cumulative Weighted GPA: 5.345

ACT Test Score: 35

Honor Societies and Accolades:

Mu Alpha Theta, Rho Khappa, National English Honor Society, Science National Honor Society, Sociedad Honoraria Hispanica, National Honor Society

Principal's Honor Roll Award

National Hispanic Recognition Program

AP Scholar with Distinction Award

Catholic Math League (2024-2025): Top 5% in the Nation

Science National Bee Qualifier—Top 8 District Finisher

The Dartmouth Book Award

AMC 10: Scored 61.5/150, 1st Place in School

PSAT Commended Scholar

Distinguished Accolades:

National Economics Challenge (November 2024 - May 2025; 6 hours/week; 20 weeks/year): Founding Team

A global competition with ~20,000 students testing microeconomics, macroeconomics, international trade, and current events through team-based exams and case studies. With no formal economics class until senior year, I independently studied the material to compete.

4th Place, National Economics Challenge (David Ricardo Division), 2025

Community Service:

Hermanos de la Calle (August 2022 - Present; 4 hours/week; 26 weeks/year): Member

Through basic provisions, employment assistance, and community action, we help the unhoused in Miami re-establish themselves.

Bolstered student support by organizing 8-10 student outings and promoting school awareness.

Fed 2,300 - 2,700 people with home-made dinner meals and breakfast bags.

Assisted in housing 75 - 100 individuals providing them with basic provisions and connecting them with employers in the process.

Fundraised +\$3,000 for winter clothing, housing, and hygiene packages impacting 250 - 350 individuals.

Student Ambassador (October 2022 - Present; 10 hours/week; 1 week/year)

The school hand-picks students to lead groups of prospective families around the school.

Led Open House Groups.

Created 3D printed business cards of the school logo with embedded NFC tags—linked to informational sites of our school.

Tutoring (February 2023 - Present; 2 hours/week; 12 weeks/year)

Taught Algebra I, Geometry, Physical Science, and Spanish.

Tutored 10+ students, from Grades 6-10, via custom classes and original study material.

Developed [3D-printable physics models with supplemental study packets](#).

STEAM Adventure Summer Camp (June 2025; 40 hours/week; 1 week/year): Teaching Assistant

School-run summer camp program with groups of 12-17 students from ages 7 - 11 years old.

Guided students in project planning, resource management, and STEAM concepts through kits with custom instructions.

Extracurricular Activities:

P&M Prints (September 2024 - Present; 5 - 10 hours/week; 30 weeks/year): Co-Founder

"3D Printing Solutions for Everyday Problems."

Gathered 100,000 views on Instagram and YouTube in 6 months.

Acquired Partnerships with companies including *Bambu Lab* (FDM 3D Printer startup with an online marketplace), *JLC3DP* (Online 3D Printing and CNC machining service provider), and *BIGTREE TECH* (Manufacturer of Open-source mods and 3D Printer Enhancements).

Selected to present in front of 250-300 people at the University of Miami's Young Entrepreneurs Summit.

Placed 2nd in my School Pitch Competition receiving access to a patent lawyer and \$300 to finance 3D Printers and filament.

Robotics (September 2023 - Present; 4 hours/week; 35 weeks/year): Business and Media Head Founding FRC & FTC Member, Logistics Manager, Lead Web Developer, Operations Manager, Engineer

Programmed the first [team website](#), doubling our sponsor count and helping raise a combined ~\$23,000 for both teams.

Worked in the majority of roles in the club, allowing me to improve club efficiency by 15% - 30%.

Acquired CNC and Woodworking experience by creating custom parts for both the robot and competition pit.

Created 3D printed business cards of the school mascot with embedded NFC tags—linked to our website.

S.T.E.A.M. Club (August 2024 - Present; 2 hours/week; 15 weeks/year): Vice-President/Co-Founder

A team-based club centered on linking students passionate in S.T.E.A.M to compete in the Science Olympiad Competition.

Expanded recruitment by 8 - 12 students, completing the A team and establishing a B team.

Experienced in the Optics, Robot Tour, and Code Busters Events.

Spearheaded the club's creation of study resources for younger/new teammates to improve the longevity of the club.

Earned 6th place at our team's first competition (University of Miami Science Olympiad).

Computer Science Club (September 2022 - Present; 1 hour/week; 35 weeks/year): President

Gained proficiency in Java, JavaScript, Python, CSS, and HTML.

Placed 2nd in the 2025 JLA Hackathon.

Created educational software, historical timeline games, for our school.

DECA (September 2024 - Present; 6 hours/week; 3 weeks/year): Competitor

DECA's mission is to prepare emerging leaders and entrepreneurs in marketing, finance, hospitality, and management.

DECA Start-Up Business Plan Event 2025 States Semi-Finalist.

Work Experience:

Franyie Engineers (June 2024 - June 2025; 40 hours/week; 2 weeks/year): Summer Internship

An Engineering Consulting Firm offering services in HVAC, Electrical, Plumbing, and Fire Safety.

Created 10+ MEP (Mechanical, Electrical, and Plumbing) plans with AutoCAD, used for office buildings, hotels, and commercial spaces.

Worked with duct sizing charts, air pressure distribution, and safety regulations.

Athletics:

Varsity Swimming (August 2022 - Present; 10 hours/week; 36 weeks/year): Competitive Swimmer in the 50/100 Freestyle and 100 Backstroke

Skills:

Proficient in Fusion 360 and AutoCAD

Basic Programming language (Java, CSS, HTML)

Hands-on experience with Video Editing and 3D Printing

Project Management

Product Development

Customer Service

Leadership Skills

Attention to details

Problem Solving and Critical Thinking

Organization

Teamwork and Collaboration

Woodworking

Bilingual in English and Spanish

Working Proficiency in French