

# EMILIO GÓMEZ LONDOÑO

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## EDUCATION

### Colegio Anglo Colombiano

Bogotá, Colombia

IB Diploma | Expected graduation: June 2027

Academic results: 6.3/7 | IB Predicted Score 39/42

Relevant coursework: Mathematics AA HL, Computer Science HL, Business Management HL, Physics SL, English Language & Literature SL, Spanish Language & Literature SL

## Experience & Projects

### Pluvi Tech in collaboration with Eduardoño

January 2026- Current

*Co-lead, Rainwater Treatment Plant*

Co-lead a student initiative at Colegio Anglo Colombiano to implement a rainwater treatment plant that uses existing infrastructure to deliver safe, purified water. The plant occupies 50 square metres for an upfront cost of 66,750,000 COP, a reduction of 39,150,000 after a 25% investment return and tax exemptions, and operating costs of 2,981.563 COP per cubic meter treated.

### Lakera (AI Cybersecurity Company)

August 2026 | Remote

*AI Security Shadow*

Collaborated with Check Point's Switzerland R&D team over a 2 week engagement focused on exploring AI/Large Language Model Safety. Investigated the **B<sup>3</sup> benchmark** framework to evaluate backbone model vulnerabilities under adversarial pressure, met with field experts to understand the industry. Attended R&D meetings to understand AI-threat mitigation systems, tested LLM security under supervised attacks.

### University of California Berkeley

Jun 22- July 4, 2025 | Berkeley

*Summer Scholar, BJC Computer Science Summer Program*

Selected for a 2-week Summer Program in UC Berkeley to learn about the Beauty and Joy of Computing, a course taught by UC Berkeley students to explore Computer Science fundamentals to tackle computational problems. Collaborated on a weather app project at the end of the course by applying programming concepts alongside analytical skills to display real-world information on Snap!

### CREST, Controller Development

12/06/2025 | Remote

*Design Specifications Lead*

Led the design specifications for the creation of a gaming controller alongside another student for the 1st Generation CREST Award at school. The controller translated ergonomics and user-experience research into design decisions. The final product involved not only designing the controller from hand sketches but creating a controller outline and a virtual prototype; the project received a CREST Bronze Award

### UNCOLI Argumentation and Public Policy (1st Edition)

April 17, 2026

*Participant*

Delegated as one of 4 selected students to represent the school in an inter-school public policy summit hosted in el Gimnasio Campestre in Bogota focused on Intrafamilial Violence. Collaborated in a group with 6 attending schools to develop a public policy that would be presented to the Universidad de La Sabana. Won 1st place as a school such that our ideas would be reviewed and potentially adopted by the local government

## Leadership & Activities

### Math Club & Tracking, Conquer the Numbers

Grades 11-12 | 1 hr/wk, 40 wk/yr

*Coordinator and Peer Tutor*

Coordinate 15 students to support approximately 60 students in fortifying math skills, studying for upcoming exams and math Olympiad preparation. Currently organize and manage Conquer the Numbers, a weekly math competition for students in grades 6-10 boosting engagement through leaderboard recognition.

### Business Club

Grades 9-12 | 1 hr/wk, 40 wk/yr

*Founder, Junior President, Vice-president, President*

Re-opened the Business Club after being a member on previous years, working up from Junior-president organizing meeting location and helping younger students construct a business into Vice-president with a more engaged approach until becoming President where the club grew through a partnership with the Toulouse Business school in order to gain insights on entrepreneurship and business management for approximately 35 Students.

### Colegio Anglo Colombiano Model United Nations

Grade 10-11 | 16 hr/wk, 1 wk/yr

*Delegate*

Delegates

as Joan Laporta for my first Model United Nations on the FIFA Committee alongside 25 other students. After debating over financial regulations in soccer over 2 days. Consequently earning Best Delegate. One year later I delegated in the U.S. Senate Committee debating prohibition and government shutdown with 30 delegates, later earning Outstanding delegate.

**Colegio Anglo Colombiano Model United Nations (CACMUN)**

Grade 12 | 20 hr/wk, 1 wk/yr

**President**

Will be serving as President for U.S. Senate. This Model United Nations will be the school's first international committee under an expected 35 students per committee, debating the Civil War and purchasing Greenland.

**Toma un Niño de la Mano**

Grade 12 | 3 hr/wk, 20 wk/yr

**Volunteer and Board Meeting Participant**

Started donating clothes and toys since little before being moved by their mission and becoming an active volunteer. Currently organizing toy and clothing donations for underprivileged youth aged 2-18, while leading recreational activities that provide opportunities to learn, interact and enjoy.

**Fundación Catalina Muñoz**

August 17th 2024

**Volunteer**

Spent a 12 hour work day building a 2 bedroom house alongside 20 others for a family of four in need. It first started by setting the frames of each wall and later on setting the walls which were concrete tiles, before finally assembling the roof.

**EDUCANGLO**

September 2025 - December 2025 | 6 hr/wk

**Volunteer**

Volunteered on Saturdays as a math tutor for underprivileged children and an English tutor for school employees. Helped children complete and strengthen their understanding on multiplication, division, addition and subtraction through interactive activities involving coloring. Also supported school employees develop English reading comprehension and oral abilities through guided practice and games.

**Athletics****Federación Colombiano de Tenis**

Age: 4-16

**Competitive Tennis Player**

Travelled

through Cundinamarca participating in national tennis tournaments playing both Doubles and Singles before tearing my ACL.

**Honors & Awards****Honor Roll**

Grades 10-11

Won the award for academic excellence within the 10% of the grade during 10th, and 11th grade

**CREST Bronze Award**

12/06/2025

After investigating controller design and forming a virtual prototype, alongside another friend we received the Bronze CREST Award

**National English Honor Society**

Since 10th Grade

As a result of high achievement in the english language arts, I was granted membership to the National English Honor Society (NEHS)

**Best Delegate in FIFA Committee CMUN**

10th Grade

Won best delegate as Joan Laporta for the FIFA committee in CMUN III

**Outstanding Delegate in U.S. Senate Committee CACMUN**

11th Grade

Won outstanding delegate in CACMUN XV for the U.S. Senate

**Computer Science Award**

11th Grade

Obtained the award for academic excellence in Computer Science