

SANDRO BENGEOA

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EDUCATION

Georgia Institute of Technology, College of Engineering *Bachelor of Science in Mechanical Engineering*

Atlanta, Georgia
May 2024

- Minor in Computing & People
- Dean's List (2020-2023) | RISE Scholar (2021-2023)

GPA: 3.8

Cambridge College Lima

Lima, Peru

- Graduated Top 5% | Head Boy of School

GPA: 4.00

EXPERIENCE

Vertice AI, Predictive Data Analytics Startup

Atlanta, Georgia

Associate Software Engineer

May 2023 – Present

- Developed UI components leveraging Tailwind CSS and Material UI, while implementing backend features using AWS Lambda and CloudWatch for real-time monitoring.
- Successfully migrated the project from JavaScript to TypeScript, achieving a 70% reduction in code volume and a 50% decrease in file count.

McKinsey & Co, Management Consulting Firm

Austin, Texas

Summer Business Analyst

May 2022 – July 2022

- Drew insights from expert interviews and customer sales data from +5 companies to determine market trends, key value items and average selling prices of a tech market worth \$85B.
- Partnered with data scientists to develop and synthesize pricing models based in Python algorithms to optimize pricing strategies for a manufacturer and a tech company equating in opportunities equal to \$250M.

Wescon Grupo Inmobiliario, Construction and Real Estate Company

Lima, Peru

Development and Construction Intern

May 2021 – August 2021

- Conducted market research and assisted in the purchase of land for residential development projects
- Generated cost estimates for construction projects ranging between \$2M - \$5M
- Met with architects to optimize the interior design of buildings to maximize living spaces while decreasing costs

TecniKo App, Domestic Service Marketplace Startup

Lima, Peru

Co-Founder

May 2020 – October 2020

- Co-founded startup to fight heightened unemployment in Peru and recruited of 12 active technicians in three months with 90% gaining employment opportunities.
- Launched MVP web platform serving as a marketplace for domestic services in 4 districts of Lima.
- Conducted market research, led marketing efforts, and handled human resources, resulting in optimized startup operations.

Cambio Perú, Non-Governmental Organization to help a shelter in Peru.

Lima, Peru

Co-Founder

May 2017 – Present

- Served 400+ hours of community service to reinforce the primary education of children in impoverished areas of Chorrillos
- Supported "Hogar Mamá Victoria" economically, a shelter for domestically abused women
- Conducted collaborative recruiting, increased team size by 80%.

PROJECTS & LEADERSHIP

Yoyo.Party, Web App for Song Queue Monetization

Atlanta, Georgia

Co-Founder

July 2023 – Present

- Leading the development of a web application utilizing React and Next.js to enable monetized song queues for social events on campus.
- Employed Chakra UI for user interface design, enhancing the application's usability and aesthetic appeal for campus event management.

Georgia Institute of Technology, Department of Housing

Atlanta, Georgia

Resident Assistant

August 2022 – Present

- Fostered the development of relationships among 55 residents by hosting weekly events leading to commendations by residents on excellent dorm experience.
- Managed administrative duties: budgeting, maintenance requests, incident reports, and room transfers resulting in minimized friction with residents and reduced complaints.

Scrappy-Doo to the Rescue, Creative Decisions and Design

Atlanta, Georgia

ME 2110 Student

January 2022 – May 2022

- Manufactured robot and hydraulic arm to complete a set of instructions against ~50 other robots proving 80% accuracy.
- Employed Arduino and CAD to conduct an iterative process which led into making the robot fully autonomous.

SKILLS & INTERESTS

Coding:	Python, Java, MATLAB, Arduino, C++, TypeScript, JavaScript
Coursework:	Data Structure and Algorithms, Object Oriented Programming, Fluid Mechanics, Thermodynamics, Dynamics
Software:	Microsoft Office Suite, SolidWorks, Fusion 360, Figma (Wireframing), Android Studio
Language:	Spanish (Native Proficiency), English (Native Proficiency), French (Intermediate Proficiency)
Interests:	Soccer, tennis, guitar, music composition, freestyle