

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 (Human Computer Interaction)
- Dean's List (2020-2023) | RISE Scholar (2021-2023)

GPA: 3.8

Cambridge College Lima

- Graduated Top 5% | Head Boy of School

Lima, Peru
GPA: 4.00

EXPERIENCE

Vertice AI, Predictive Data Analytics Startup *Associate Software Engineer*

Atlanta, Georgia
May 2023 – Present

- Developed UI components leveraging Tailwind CSS and Material UI, while implementing backend features using AWS Lambda, Express.js 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 *Summer Business Analyst*

Austin, Texas
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 *Development and Construction Intern*

Lima, Peru
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 *Co-Founder*

Lima, Peru
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. *Co-Founder*

Lima, Peru
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 *Co-Founder*

Atlanta, Georgia
July 2023 – Present

- Leading the development of a web application utilizing React, Next.js and the Spotify API 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 *Resident Assistant*

Atlanta, Georgia
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 *ME 2110 Student*

Atlanta, Georgia
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, Express.js, MongoDB, AWS, Axios.
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