



Augusto Massayoshi Yojo de Lima

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EDUCATIONAL BACKGROUND

University of São Paulo, POLI-USP (4th year – [curriculum](#)).

April 2021 → December 2027.

B.Eng. in Electrical Engineering – Telecommunications emphasis.

GPA: 8.4/10.0 – 9th of 210 overall | 3rd of 27 in the emphasis.

Universidade Anhembi Morumbi, São Paulo, SP.

2023 → 2026.

B.Sc. in Mathematics.

GPA: 8.75/10.00.

PROJECTS

[Lost Time \(Android App\)](#)

February 2026 → Active

- Android digital-wellbeing app with real-time overlays, configurable limits, analytics and reports; broader portfolio includes Radar Brasil, Better Notifications, Voice2Text, Select Anywhere and Easy Sign.

[Undergraduate Research – TPN/USP – Petrobras Project](#)

2026 → Active

- Evaluate neural-network and corrected Welch estimators for FPSO natural period/damping using controlled surge/sway experiments, coverage, MAE, RMSE, bias and reproducible scientific documentation.

[Telecommunications Capstone – Real-Time Speech Denoising & Virtual Microphone](#)

2026 → Active

- Benchmarked classical/neural denoisers (including RNNoise, WebRTC APM and DeepFilterNet3) using objective metrics, blind listening and latency/transport measurements.

[QED \(YouTube Channel\)](#)

January 2020 (28.7k subscribers | 17.3M views) → Active

- Channel focused on solving high-level mathematics problems (IME, ITA, FUVEST and Olympiads), with more than 300 videos published.

[Teaching Assistant – Electrical Circuits I & II \(USP\)](#)

March 2024 – June 2025

- In-person/online review classes, automated attendance with Google Sheets/Forms and [lecture notes in L^AT_EX](#).

[Undergraduate Research – IEE/USP](#)

September 2025 – April 2026

- MATLAB/Simulink EMT modeling, linearization, eigenvalue/sensitivity analysis and an IEEE ICHVE 2026 research submission.

CERTIFICATES

[ANBIMA Professional Certification Series 20 – CPA-20](#)

July 2025

PROGRAMMING LANGUAGES & SOFTWARE PROFICIENCY

- | | | | |
|-----------------------|---|-----------------------|----------------|
| • Python (advanced); | • C (intermediate); | • MATLAB/Simulink; | • Git; |
| • VBA (advanced); | • Kotlin / Android; | • React / JavaScript; | • Claude Code; |
| • C++ (intermediate); | • L ^A T _E X (proficient); | • AWS CDK / Lambda; | • Codex. |

PROFESSIONAL EXPERIENCE

Rachel AI – London, UK (Remote)

October 2025 → Active

Chief of Staff

berachel.com

- Operational coordination and executive support for global expansion; prospecting and workflow integration across CRM, Google Workspace, Calendly, Apollo and LinkedIn.

[CRM APF – Independent Client Software Project](#)

2026 → Active

Full-Stack / Cloud Software Developer

- Develop and test a serverless CRM with React/Vite, Python/Lambda, API Gateway, Cognito, DynamoDB and AWS CDK, including authentication, multi-workspace authorization, audit trails, idempotency and paginated APIs.

SOFT SKILLS

- **Communication.** Objective, clear, assertive and diligent;
- **Teamwork.** Coordination and leadership in academic and software projects;
- **Adaptability.** Fast learner, self-directed and focused on continuous improvement and technical rigor;
- **Languages.** Portuguese (native); English (fluent in speaking, writing and reading).