

# Andre H. Koga

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## EDUCATION

### Georgia Institute of Technology

Bachelor of Computer Science – Current GPA: 4.00

Atlanta, GA

Expected Graduation, May 2026

### Colégio Farias Brito

Full merit scholarship winner – Honors Class, 3.88

Fortaleza, CE - Brazil

January 2018 – December 2020

## EXPERIENCE

### GT Big Data Big Impact Board Member

GT BDBI. Data analytics and web development club. Web Development lead.

August – December 2022

Atlanta, GA

- Prepared and held 2 workshops for 20+ students about web development.
- Part of a project about Alzheimer's prediction with data analysis.

### Chief Marketing Officer and Full-Stack Web Developer

DUPLA Tech. Brazilian recruiter company. Helps companies hire qualified women in tech.

April – July 2021

Guarulhos, SP - Brazil

- Developed a full-stack web application using WordPress, Tailwind, and Wix Databases.
- Devised the company's marketing strategies, resulting in successful contracts with 4 companies worth over \$50k
- Managed the company's social media campaign, designing 18 posts for LinkedIn and Instagram

### Co-Founder

Nery. Medical startup. Devised an app that uses AI to interact with the elderly.

January – March 2020

São Paulo, SP - Brazil

- Helped create a survey for information gathering about the app quality. Got over 100 responses.
- Contributed UI/UX knowledge to develop an app accessible to the elderly. Used Figma to prototype the platform.

### Vice-President

NOIC. Largest BR education NGO made by students. It has courses for scientific Olympiads.

May 2019 – March 2020

Brazil

- Redesigned the website using a custom WordPress theme, doubling the monthly views to 50k.
- Administrated over 40 students that helped generate content for the website.
- Helped organize 2 charity events, leading to enough funding for NOIC's merchandise and new courses.

## SKILLS

**Coding:** Python, SQL, JavaScript, HTML/CSS, PHP, Ruby, TypeScript, C#, C/C++, Haskell, Go (novice)

**Frameworks:** React, NextJS, Node.js, WordPress, Gatsby, GoHugo, Svelte, SvelteKit

**Software:** Android Studio, Excel, Unity, GitHub, Resolve Studio, Notion, Figma, Photoshop (novice), Blender (novice)

**Languages:** Portuguese, English, Spanish (conversational), Japanese (beginner)

## RELEVANT COURSEWORK

**Advanced Math:** Studied number theory, geometry, combinatorics, and algebra in depth for scientific olympiads

**UI/UX and Web-Design:** Studied web design principles, visual trends, hierarchy, accessibility, ease of use, etc.

**How to Create a Social Media:** Finished the course with a fully-functional social media prototype coded in React

**Codecademy Courses:** Completed JavaScript, Python 3, CSS and HTML, Ruby, TypeScript, PHP, MySQL, and C#

## AWARDS

**Mathematics:** 12th in Brazil's selection for the International Math Olympiad (IMO). Best gold and bronze in Latin-American math Olympiad (OMR), silver in multi-continental math Olympiad (OMCPLP).

**Game Development:** 68th out of 7k games in GMTK 2023, biggest game jam worldwide. 19th in art category.

**MIT Hackmed 2020:** Got \$5k for 2nd place among dozens of teams. The project originated company Nery.

## PROJECTS

**Game Company** | Creating game "Soulless" for Steam w/ Unity and C#

August 2023 – Present

**Web Dev** | Creating website for game company "Fresh Juice" w/ SvelteKit

August 2023 – Present

**Personal Blog** | andrekoga.com: Personal blog w/ NextJS, Tailwind, and HygraphCMS

February 2020 – Present

**Art Commissions** | Digital art commissions on Instagram @kogadraws

January 2020 – Present