



# Andre H. Koga

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## EDUCATION

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- **Georgia Institute of Technology** Aug 2022 - May 2026  
*Bachelor of Computer Science, GPA 3.85 - Dean's List and Faculty Honors member* Atlanta, GA



## EXPERIENCE

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- **Flux Slides**  July 2024 - Present  
*Co-Founder* Atlanta, GA
  - B2B Slides Startup, achieved \$10k investment from Big Nerd Ranch founder.
  - Implemented web editor and slides renderer backed by Svelte and Git, leading to the MVP's creation.
  - Organizing meeting with client Georgia Tech to discuss first contract and doing market research to better understand competitors and advertisement campaigns.
- **Schlumberger's (SLB) Project Partner for Junior Design Class**  August 2024 - Present  
*Project Manager & Front-End* Atlanta, GA
  - Led team creation and implemented AGILE method to manage weekly meetings/sprints, improving teammates efficiency and communication.
  - Researched target client and met with company representative to define project requirements, leading to better project milestones and understanding.
- **Big Data Big Impact Club Board Member**  August - December 2022  
*Web Development Lead* Atlanta, GA
  - Led 2 workshops for 40+ students about React and Data Visualization tool D3.js, helping students finish their respective team projects.
  - Implemented CNN models to predict Alzheimer's through brain scans, achieving 84% accuracy.
- **NOIC: Biggest Brazilian Education Non-Profit for Scientific Olympiads**  April 2020 - July 2021  
*Vice-president, Full-Stack* SP - Brazil
  - Led 60+ members, setting weekly meetings and sprints, 5 courses published during leadership.
  - Struck advertisement campaign with Brazilian Book Publisher focused in education, helping grow the team and pay for better tools.
  - Redesigned front-end of website for better retention, increasing monthly users from 8k to 24k.

## PROJECTS

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- **MiniLang: Compact Local Language Detection Tool** June - August 2024  
*Tools: Git, PyTorch, Pandas, Matplotlib, Transformers, Scikit-learn* 
  - Implemented Naive Bayes, Transformers, SVM, and Random Forest models with Python.
  - Achieved accuracy of 90% for sentence's origin among 42 language options under 10MB.
  - Presented findings to Machine Learning Professor using statistical and scientific analysis methods.
- **Buzzify: Mobile App for Collaborative Spotify Wraps Generator** January - May 2024  
*Tools: Android Studio, Git, Firebase, Spotify API* 
  - Designated as project leader, organizing weekly meetings and ensuring productivity of teammates.
  - Developed mobile app's front-end, achieving recognition by Lead TA as best project in section.
  - Implemented Spotify API's connection, processing the user's music data collaboratively with friends.

## SKILLS

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- **Coding:** Python (Numpy, Pandas, PyTorch, Matplotlib), JS/TS, Java, C#, C++
- **Web:** React, NextJS, Svelte, Tailwind, Firebase, MongoDB, Vercel, Node.js
- **Others:** Git, Excel, Figma, Unity, LaTeX, Android Studio

## ADDITIONAL INFORMATION

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**Awards:** 2nd place in MIT's Hackmed, earning \$2k to fund startup involving assistance of patients with Glaucoma.

**Languages:** Fluent in Portuguese and English. Conversational in Spanish and Japanese. Beginner in French.

**Interests:** Playing volleyball, cooking & eating (specially Japanese), digital art , game development, chess.

**Fun Fact!** I became ambidextrous after breaking my dominant arm as a kid. I am now left-handed for some sports, right-handed for others.