LEONARDO DE FARIAS

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🌐 tofudog.github.io </> leetcode.com/u/Tofudog25

Education

Emory University — May 2027
Bachelor of Science in Computer Science — *Atlanta, GA*

- Completed: Multivariable Calculus, Computer Architecture, Advanced Algorithms
- In Progress: Data Mining, Database Systems, Artificial Intelligence
- Activities: Intramural Soccer, Futsal, Chess, Pep Band
- Vice President, M||E Competitive Programming Club

Experience

Amazon — May 2025 – Aug 2025
Full Stack SDE Intern [Return] — *Seattle, WA*

- Developed two features in an internal Amazon platform called Wedge to simplify evidence insertion into an index
- Authored a design document with a background problem, list of stakeholders involved, and AWS architecture diagrams
- Technologies: Python, React TS, CI/CD, Unit Testing, AWS (IAM, S3, SNS, Glue, Event Bridge)

Amazon — May 2024 – Aug 2024
Full Stack SDE Intern — *Seattle, WA*

- Developed a feature in an internal Amazon platform called Harmonia to enable ingesting images into Claude prompts
- Feature adopted by the team's applied scientist for determining whether two Amazon products are substitutes
- Technologies: Python, CI/CD, Unit Testing, AWS (S3, Lambda, Step Function, Bedrock)

Oteemo — June 2023 – Aug 2023
AI Intern — *Remote*

- Completed the Advanced Computer Vision with TensorFlow course on Coursera at the request of my mentor
- Participated in a computer vision research project that developed an app that can match 9mm bullets with guns
- Wrote over 50% of the literature review for the project presented at the International Criminology Hybrid Conference

Projects

C-3BO | *Python, TensorFlow, Kivy*

- Developed an app capable of detecting leukemia types with high accuracy using CNNs
- Github Repository: https://github.com/Tofudog/C3BO-Cancer-Blood-Oncologist

Yeetcode | *Websocket IO, Node JS, MongoDB*

- Created a Chrome extension enabling head-to-head LeetCode battles
- Github Repository: https://github.com/Tofudog/Yeetcode

Personal Website | *React, CSS*

- Built and deployed a portfolio site with a mock terminal and project showcase
- Github Repository: https://github.com/Tofudog/tofudog.github.io

Brain Check | *Swift, iOS*

- Developing a humorous iOS app showing the number of brain cells lost after a button click
- Github Repository: https://github.com/Tofudog/Brain-Check

Skills

Languages: Python, Java, C, C++, TypeScript
Frameworks/Technologies: TensorFlow, React, Node, Kivy, AWS, GCP, PostgreSQL, MongoDB
Developer Tools: Git, VS Code, Vim, DBeaver, Postman, Figma, LaTeX
Core Strengths: Data Structures and Algorithms, Full Stack Development, Machine Learning, Prompt Engineering
Languages (spoken): English, Portuguese, Hebrew, Spanish