

Leonardo de Farias

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EDUCATION

Emory University

Atlanta, Georgia

Computer Science and Applied Mathematics

Class of 2027

- Took Multivariable Calculus, Discrete Mathematics, and Data Structures and Algorithms
- Taking Analysis of Algorithms, Computer Architecture, and Linear Algebra
- Vice President of M||E Competitive Programming Club
- Club Chess, Pep Band, Futsal, and Hebrew

EXPERIENCE

Oteemo

Virtual

AI Intern

June 2023 – August 2023

- Took and completed several mentor-requested deep learning courses
- Participated in a computer vision project to develop an app that matches 9mm bullets to specific guns
- Contributed to roughly half of the literature review

Amazon

Seattle, Washington

Full Stack SDE Intern

May 2024 – August 2024

- Developed a feature that allows usability of images for large language models in an internal Amazon platform
- Spent three weeks designing the feature in context and got approval from my team
- Wrote unit tests to ensure my feature worked
- Used/being used by an applied scientist and potentially others on my team
- Got inclined by my team

Emory Competitive Programming Club (m||e)

Atlanta, Georgia

Club Vice President

August 2024 - Present

- Competed in the division 1 team for the Southeast Regional International Collegiate Programming Contest
- Prepared and gave lectures on interview topics such as number theory
- Assisted in planning club fundings
- Received a perfect score on Leetcode Weekly Contest 426, ranking top 5%

PERSONAL PROJECTS

- **C-3BO:** A website that can detect different types of leukemia with high accuracy
- **Hiragana Quiz:** A simple quiz that tests how well users can recognize hiragana characters
- **MemeForum (Current):** A website that allows users to like/dislike memes

HONORS AND AWARDS

- **International Collegiate Programming Contest Silver Medal:** Placed second out of ten teams in the southeast division 1 contest. Solved 7 difficult algorithmic challenges.
- **United States Computing Olympiad Silver Medal:** Received a perfect score on a national competitive programming exam

- **Texas State Science and Engineering Fair Senior Division Robotics and Intelligent Machines 1st Place:** Won first place with a deep learning-based leukemia detection application
- **Texas Music Educators Association 5A All State Band Qualifier:** Placed 4th out of every tuba player in Texas in the 5A division

SKILLS

- Proficient in Python, Java, C, C++, Typescript, Tensorflow, Kivy, React, Git, and AWS
- Strengths in Data Structures and Algorithms, Full Stack Website Development, Machine Learning, Unit Testing, Technical Writing
- Fluent in English and Portuguese.

INTERESTS

- Low-level programming
- Machine Learning
- Full Stack Website Development
- Creating Programming Languages