

Nicolas Fernandez Baigun

Providence, RI | nico-fb.github.io | linkedin.com/in/nicofb | github.com/nico-fb

EDUCATION

Brown University, *B.S. Computer Science and Statistics*, 4.0 GPA Providence, RI | **May 2026**
Relevant Courses: Program Design with Data Structures and Algorithms, Introduction to Object-Oriented Programming and Computer Science, Using Big Data to Solve Economic and Social Problems, Introduction to Discrete Structures and Probability, Multivariable Calculus, Linear Algebra, Statistical Inference I

American Heritage High School, 5.72 Weighted GPA Plantation, FL | Class of 2022
Relevant Awards: National Merit Finalist, AP Scholar with Distinction, High Honors Recognition every semester

SKILLS & INTERESTS

Languages: Python, Java, C#, Javascript, HTML/CSS, Dart, R, Lean
Technology: VSCode, IntelliJ, APIs, Unity, Flutter, GitHub, GitPod, LaTeX, Google Suite
Interests: [Alto/baritone saxophone](#), pickleball, scuba diving, basketball, running, wood carving, cryptography, cooking, board games
Language: Bilingual proficiency in Spanish and English

PROFESSIONAL DEVELOPMENT EXPERIENCE

AI Development Intern, *Moderately Media LLC* Remote | May 2023 – Present

- Working closely with other software developers in a collaborative environment to develop, prototype, and release cutting-edge AI technologies
- Debugged and finalized a website/Twitter blog that scrapes RSS feeds and summarizes government news from various sources, working with Python libraries such as Pandas and Requests, and APIs such as Tweepy, OpenAI, Ujebu, and TLDRTThis
- Working on a Flutter app that helps generate, rate, and combine article headlines until clients are happy with them

Test Writer (Freelance), *Florida Association of Mu Alpha Theta* Remote | May 2022 - September 2022

- Wrote the Statistics Team Round and Solutions for the 2024 Florida Association of Mu Alpha Theta States convention

Student Teacher, *American Heritage School* Plantation, FL | August 2019 – April 2022

- Created, organized, and taught lessons to Mu Alpha Theta students in grades 4-6 at my school to prepare them for competitions throughout the year
- Continued building and teaching curriculum catered specifically to Statistics students, who placed in the top 2 teams of the state consistently throughout the year

LEADERSHIP EXPERIENCE

Saxophone section leader, *American Heritage School Band* Plantation, FL | August 2021 – May 2022

- Led and organized the saxophone section in my school band and assisted members in improving their skills
- Taught marching fundamentals to the alto and tenor saxophone sections, and prepared them for state evaluations

Founder/Puzzle writer, [Puzzlehunt by the Puzzling Elves](#) Weston, FL | April 2021 – June 2021

- Recruited, organized, and led a team of 4 in writing puzzles for a puzzle hunt. Worked alongside the team to ensure quality and finalize the hunt
- Raised over \$1150 and made an impact of close to \$3000 to various charities from 400+ participants worldwide

English Teacher, *Centro Educativo Cabuya* Cabuya, Panama | June 2017, 2018, 2019

- Independently prepared and led classes teaching English to a group of lower school students (Pre-K through 2nd grade) in Panama whose school lacked resources and teachers

PROJECTS

Custom Search Engine | Python

- Created a custom search engine where a user submits a free text query, and it returns the top 10 pages that are most relevant from the wiki
- Combined the tf-idf algorithm with the PageRank algorithm to determine how authoritative a document is in the wiki

ML Decision Tree | Java

- Implemented a machine learning model to receive training data and later predict a target attribute by building a tree-like structure to split on different attributes to eventually arrive at its decision
- Averaged over 95% accuracy on training data and close to 90% accuracy on testing data from large datasets