

LUKE N. BARCENAS

(305)343-7092

[GitHub](#)

[LinkedIn](#)

lukebarcenas930@gmail.com

EDUCATION

UNIVERSITY OF FLORIDA, Gainesville, FL

Bachelor's Degree in Computer Science

Expected to Graduate: May 2026

GPA: 4.00

MIAMI DADE HONORS COLLEGE, Miami, FL

Associate in Arts Degree

Graduated: May 2023

GPA: 4.00

RELATED COURSEWORK/TECHNICAL SKILLS

C++ Programming

HTML, CSS, JavaScript

Version Control/Git

GNU Debugging (GDB, Visual Studio)

Artificial Intelligence and Machine Learning

Data Structures and Algorithms

Python

SQLite

Unit Testing

AWARDS/CERTIFICATIONS

Microsoft Office Specialist - Certified in Word, Excel, PowerPoint, Outlook, Security, Operating Systems

Honors College Fellowship Award

Hispanic Scholarship Fund Scholar

WORK EXPERIENCE

ASPURU CARABALLO FARIA P.A., Coral Gables, FL

Summer 2022, 2023

Web Design Intern (6/2023 – 8/2023)

Designed a company website to promote its services through a seamless user experience. Accepted criticism and responded to input, presenting my work at the end of the summer.

IT Intern (5/2022 – 8/2022)

Applied knowledge of computer science to diagnose computer issues and help co-workers with computer related matters. Responsible for data management of over 400 files.

Projects

[MyPCStats](#) | Python, SQLite

6/2024 – Present

Actively developed an application to track and analyze user keyboard and mouse input data. Utilized SQL querying and data processing techniques to provide insights into user activity and display computer usage patterns.

[The Color Manipulator](#) | HTML, CSS, Javascript

4/2024-6/2024

Designed a website that allows users to change site colors and view various data, including hex color unit conversions.

GAITOR Club: Applied Project | Python

9/2023 – 5/2024

Implemented programming experience to code the foundation for a transformer-based Natural Language Processing model made from scratch. Analyzed and studied the theory behind neural networks and machine learning algorithms.

Artificial Intelligence in Literature | Python

11/2022 – 4/2023

Assisted in researching deep learning algorithms to apply student data to AI models, teaching students the foundations of programming and Natural Language Processing (NLP) in the process.

ADDITIONAL INFORMATION

VOLUNTEER EXPERIENCE

A Safe Haven for Newborns, Miami Beach, FL

11/2022

Applied computer and graphic design skills to promote the health and wellbeing of mothers and newborns in need.

NFS Inc., Minneapolis, MN (Remote)

4/2022

Researched companies to recruit volunteers to work during baseball games, of which half the profits were allocated to charity.

LANGUAGES

English (Fluent - Verbal/Written)

Spanish (Intermediate – Verbal/Written)