

# ABRIL VILLEDA ROBLERO

[Abrilroblero9@gmail.com](mailto:Abrilroblero9@gmail.com) (919) 396-0135

Wilmington, North Carolina

## EDUCATION

**UNIVERSITY OF NORTH CAROLINA WILMINGTON**

Graduation Expected: May 2025

Bachelor of Science in Computer Science with Honors

Concentration: Artificial Intelligence & Software Engineering

*Activities:* Honors College, Dean's List, President and Founder of Futuros En STEM, Founder and Member of Association for Computing Machinery, University of Aberdeen, Scotland, Study Abroad

## SKILLS

Programming Languages: Python, Java, HTML, SQL, SAS, C#, C++, CSS, Dart, SML

Software: Microsoft 365, Visual Studio, Eclipse, Adobe Creative Suite, Wireshark, MatLab, Flutter

Languages: Spanish, French (beginner)

## RELEVANT COURSEWORK

Mobile Applications Development

Data Structures & Architecture

Natural Language Processing

Website development

Object-Oriented Prog & Design

Design and Analysis of Algorithms

Computer Network

Artificial Intelligence & Machine Learning

## PROFESSIONAL EXPERIENCE

**TECHNOLOGY ASSISTANT CENTER** Wilmington, NC

June 5, 2023- Current

*IT Technician*

- Assist UNCW campus population navigate online platforms and software applications, ensuring smooth interaction with university systems. Communicate with clients of diverse technological backgrounds and aid with troubleshooting. Use a ticketing system to document service & common issues/ solutions.

**STUDENT RESEARCH WORKER** Wilmington, NC

June 5, 2023- October 2023

*Evaluating Algorithmic Biases – an Educational Data Mining Analysis*

- Independently designed, coded, and executed experiments to validate algorithmic performance. Implemented Support Vector Machine (SVM) and Random Forest algorithms to predict outcomes. Performed advanced data engineering to optimize the data utilized for enhancing performance.

**DIGITAL HUMANITIES RESEARCH** Wilmington, NC

October 5, 2023- Current

*Beyond Hashtags: Unveiling the Digital Discourse of the Black Lives Matter Movement*

- Analyze social media data, specifically Twitter, to extract meaningful insights and trends related to the Black Lives Matter (BLM) movement. Ensuring data accuracy and integrity. I work meticulously to clean and preprocess data, verifying its reliability for research purposes.

**CAROLINA COMPUTER SERVICES** Goldsboro, NC

May 2022- August 2022

*IT and sales specialist Intern*

- Programmed Yealink phones via cloud-based platforms, initiating sophisticated call flows and IVR services on demand.
- Developed a program that generates tailored quotes for prospective customers based on detailed user data.
- Expertise in technical setups and troubleshooting, including camera installations, screen replacements, server diagnostics, soldering, and custom computer building.