

# Cristian Lorenzo-Pavon

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## EDUCATION

**University of North Carolina at Greensboro** – Greensboro, NC

Anticipated Graduation: December 2024

*BS Computer Science, Data Science & Big Data concentration*

- Relevant course work: Big Data and Machine Learning (Python), Data Structures & Algorithms (Java), Concepts of Programming Languages (C++), Principles of Databases (PHP, SQL), Artificial Intelligence

**Central Carolina Community College** – Sanford, NC25346-

August 2020 - May 2022

*Associate in Science*

## HONORS AND AWARDS

**UNCG Dean's List**

Fall 2022, Spring 2023

- Achieve a GPA of 3.50 or better, with no grade below B- for semester
- Maintain an exemplary Academic Standing

**Mountaire Scholarship**

August 2022

- Full-time student, involved in extracurricular activities or community, and sustain higher than 3.2 GPA

## SKILLS AND KNOWLEDGE

**Coding languages:** Java, JavaScript, TypeScript, PHP, Python, SQL, C, C++

**Languages:** English and Spanish

**Frameworks:** Spring, Angular, Express.js, Yii, Laravel, Bootstrap

**Additional knowledge:** Node.js, Git Version Control (GIT), REST API, Microservices Architecture, Agile Methodologies, Waterfall Methodologies, Scrum, HTML, CSS, MySQL, PostgreSQL, OOP, MVC, Maven, Linux, Unix, NumPy, pandas

## PROJECTS

**Ecommerce Backend Microservice**

- Utilized: Spring Framework, Java, MySQL
- Initiated development of backend REST API for an ecommerce website and plan to expand into a full-stack application

**Personal portfolio**

- Utilized: HTML, CSS, Github.io
- A simple static portfolio website that showcases skills, projects, and additional information.

**UNCG Campus Marketplace**

- Utilized: Angular, Express with NodeJS, PostgreSQL
- A central commerce application for all UNCG personnel to buy and sell across campus for capstone project
- Collaborated with 3 software developers dividing tasks among each other for all weekly sprints

**Raw data to Feature Space**

- Utilized: Python, NumPy, pandas
- Extract features from a set of given raw data and construct feature spaces to develop and train ML models for classifying birds: Cardinal, Sparrow, and Crow

## EXTRA-CURRICULAR AND COMMUNITY

**Hack@Davidson** – Davidson, NC

February 2024

*Participant*

- Attended workshops: Day in the life of SWE, Intro to REST API, Overview on Git and its commands

**Community Health Fair** – Ramseur, NC

March 2023

*Volunteer*

- Give out information about drug abuse prevention and assist firefighter with assembling a child car seat safety

## EMPLOYMENT

**Walmart** – Siler City, NC

January 2022 - Present

*Online Order Filler*

- Fulfilled customers' online orders, selecting items such as produce and groceries. Staff training for new hires
- Coordinated with team to dispense orders to customers while providing service during dispensing process