

# Pablo Garces

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## Education

### Central Piedmont Community College

Associate of Arts, Computer Science,

GPA: 4.0

Relevant Coursework: JAVA Programming, Advanced JAVA Programming, Data Structures and Algorithms.

Charlotte, NC

December 2023

### University Of North Carolina At Charlotte

Bachelor of Science, Computer Science - Software Engineering,

Relevant Coursework: Currently in Database Design & Implementation

Charlotte, NC

December 2025

## Experience and Projects

### Central Piedmont Community College

Peer Mentor

Charlotte, NC

August 2023 – December 2023

- Facilitated individualized Pre-Calculus Algebra tutoring, customizing learning plans, and employing targeted questions to assess which enhance mentees' understanding.
- Established trusting relationships with mentees by maintaining professionalism and honoring confidentiality.
- Supported peers through one-on-one sessions, determining aspirations, setting goals, and working through challenges.

### STEM TANK Program Season 4

Leader / Central Piedmont Community College

Charlotte, NC

October 2023 – November 2023

- Collaborated with a diverse group of students to address the challenges posed by the STEM Tank Program.
- Led the ideation of an innovative recycling app aimed at promoting environmental sustainability.

### Computer Hardware Graphics Quality Recommendation Tool

JAVA Programming Project

Charlotte, NC

April 2023 – May 2023

- Created a Java application for evaluating computer hardware performance based on GPU and CPU speeds, number processor cores, and monitor resolution, providing recommendations for optimal graphics quality settings.

### Playlist Management System

Data Structures Project

Charlotte, NC

June 2023 – July 2023

- Designed and implemented a Java-based song and playlist management system using a doubly linked list, allowing users to create, modify, and organize songs in a playlist.

### Policy Price Calculator

Advanced JAVA Programming Project

Charlotte, NC

September 2023 – October 2023

- Designed an interactive application utilizing Java to efficiently calculate policy prices by extracting data from a database utilizing SQL, highlighting expertise in algorithm development and effective utilization of Array Lists.

## Extracurricular Activities

### Latin Americans Working For Achievement

Volunteer

Charlotte, NC

August 2022 – Present

- Assisted with special events and programs, including fundraising events and informative talks, to promote and explain the mission and activities of LAWA.

### Ecuadorian Red Cross

Volunteer

Galapagos Islands, Ecuador

June 2022 – July 2022

- Engaged in community outreach to aid the program mission centered on community support and enrichment by doing health surveys on the Galapagos Islands in Spanish.

## Accomplishments, Honors, and Awards

### Latin Americans Working for Achievement Scholar

May 2022

- Awarded to high achieving and impactful Latino students in the Charlotte-Mecklenburg Area (NC).

### The Levine Scholar

August 2022

- Awarded to deserving students at Central Piedmont who have excelled academically.

### Central Piedmont Community College Honors Program Scholar

August 2023

### Mu Alpha Theta Member & Phi Theta Kappa Member (Honor Societies).

Central Piedmont Community College President's List: Spring 2022, Fall 2022, Spring 2023, Summer 2023 and Fall 2023.

## Skills

Teamwork, Communication, Problem-solving, Adaptability | **Software:** (Proficient) JAVA; (Competent) Git, C, SQL, Assembly; (Basic) JavaScript, CSS, HTML, JAVA FX | **Fluent in:** English, Spanish.