

MARIA DEL PILAR CHIA QUISPE

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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

December 2025

Bachelor of Science, Computer Science and Bachelor of Arts, Communication and Media Studies

GPA: 3.9

Honors: Dean's List

Asheville-Buncombe Technical Community College – Asheville, NC

May 2023

Associate in Science and Arts

GPA: 4.0

Honors: Dean's List

SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL, C, C#, C++
- **Frameworks and Tools:** React, Angular, TypeScript, Node.js, HTML, CSS, Git/GitHub/GitLab, REST APIs, FastAPI, Pytest/JUnit, Visual Studio Code, IntelliJ, Unity, Docker, Linux, Windows, Photoshop, Microsoft Office
- **Languages:** Fluent in English and Spanish

TECHNICAL PROJECTS

API and Front-End Development – Foundations of Software Engineering Project

February 2025

- Engineered a **RESTful API** using **Python** and **FastAPI** for text storage and URL shortening.
- Built an **Angular** front-end with **TypeScript** for API interaction.
- Utilized **Pytest** for automated testing and deployed the application using **CI/CD pipelines (GitHub Actions)**.

Portfolio Website – Personal Project

October 2024

- Created a personalized portfolio using **HTML**, **CSS**, **JavaScript**, and the **React** Library.
- Incorporated animations to enhance user experience and present projects and skills in a responsive format.
- Implemented a dynamic and interactive design with smooth navigation.

Check-out Challenge – Personal Project

October 2024

- Designed and built a 3D housekeeping game in **Unity** using **C#** and personalized 3D models created in SketchUp.
- Constructed interactive gameplay, featuring tasks like item collection, cleaning, and inspection.
- Enhanced coding and design skills while creating a fun, engaging user experience.

Sprout Script – Pearl Hacks Team Project

February 2024

- Developed an educational **Python** game with **Pygame** to help girls build coding skills by nurturing a digital plant.
- Collaborated with a team of four to design an interactive, fun game environment for learning.
- Implemented game mechanics that encourage hands-on coding practice.

RELEVANT EXPERIENCE

UNC Girls Who Code – Chapel Hill, NC

August 2024 – Present

Teaching Assistant

- Assist in after-school Python coding classes for 25+ middle and high school girls, promoting tech participation.
- Foster a collaborative and supportive environment to build confidence and interest in coding.
- Provide one-on-one support to explain concepts in detail and enhance student performance.

UNC CEMALB – Chapel Hill, NC

August 2023 – Present

Website and Social Media Manager

- Manage and update the department's website, ensuring a seamless and responsive user experience.
- Implement design improvements and performance optimizations to enhance site functionality.
- Design and manage social media content using Photoshop and Illustrator, increasing engagement by 30%.

ACTIVITIES

UNC LATINOS IN TECH, A SHPE CHAPTER, Member

Spring 2024 – Present

- Participate in networking events and workshops to promote diversity in the tech industry.
- Collaborate with peers to work on projects that create opportunities for Latinos in technology.

UNC GAME DEVELOPMENT CLUB, Member

Fall 2023

- Led a game development project, coordinating tasks and fostering collaboration among members.
- Engaged in workshops to enhance game development skills and learn industry tools.