

# Leonel Jerez Jr

SOFTWARE ENGINEER  
North Carolina, USA

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## Skills

<b>Back-end</b>	C#, Java, SQL, Python
<b>Front-end</b>	HTML5, CSS, React.JS, JavaScript, Bootstrap
<b>Tools</b>	Unity, Microsoft Visual Studio, Android Studio, WordPress, Microsoft SQL Server, Raspberry Pi, Firebase, Git, Agile Scrum Framework, Quality Assurance, Object Oriented Programming, Adobe Photoshop
<b>Languages</b>	English, Spanish

## Education

### University of North Carolina Charlotte

M.S. IN COMPUTER SCIENCE (INFORMATION SECURITY AND PRIVACY) - GPA 3.5

Charlotte, NC

Aug. 2022 - Jul. 2024

### University of North Carolina Charlotte

B.S. IN COMPUTER SCIENCE (AI, ROBOTICS, AND GAMING)

- Volunteer Work: UNC Charlotte Office of Disability / Public Relations Society of America;

Charlotte, NC

Jan. 2016 - May 2020

### Fayetteville Technical Community College

CERTIFICATE IN COMPUTER PROGRAMMING

Fayetteville, NC

Aug. 2014 - June 2015

## Projects

### Tunestore Vulnerability Assessment

SOFTWARE DEVELOPER

- Identified and assessed vulnerabilities in a music store website by analyzing the code and using ZAP vulnerability scanner.
- Fixed the vulnerabilities by rewriting code and pen-testing the website to ensure it could not be executed again.

Charlotte, NC

Jan. 2024 - Jul. 2024

### 3D Tic-Tac-Toe

SOFTWARE DEVELOPER

- Collaborated with 2 peers as a team to build a 3-dimensional Tic-Tac-Toe game with 3 different difficulty levels using Min-Max and Alpha-Beta procedures.
- Incorporated a check in the program to identify a winner on each game board level by checking for occupied spaces.

Charlotte, NC

Aug. 2023 - Dec. 2023

### The Movie Database

SOFTWARE DEVELOPER

- Engineered and developed a React.JS web app using TheMovieDB API, Axios, and Material-UI framework that allows users to search for movie titles and receive ratings from the search results. Also added the ability to click on a specific movie and get more details such as release date, ratings, and IMDB link to name a few.

Fayetteville, NC

Aug. 2021 - Aug. 2021

### Garden Spy

SCRUM MASTER & SOFTWARE DEVELOPER

- Managed and guided a team of 6 as a Scrum Master using biweekly Sprints in creating a scalable and innovative mobile Android App that will automatically take care of a plant.
- Aided with debugging Python code for the Raspberry Pi, created an Android App using the upgraded AndroidX API, and optimized an expandable Firebase database to store variables from the sensors attached to the Raspberry Pi.

Charlotte, NC

Jan. 2019 - May 2019

## Work Experience

### United States Patent and Trademark Office

PATENT EXAMINER

- Analyzed complex patent applications to ensure they met legal and technical standards, resulting in a high rate of refined applications.
- Drafted office actions that effectively communicated issues with applications to ensure an efficient patent prosecution process.

Remote

Sep. 2022 - Jan. 2023

### Guided Innate Aware, Life Coaching

FREELANCE WORDPRESS DEVELOPER

- Designed modern web pages for the client and remodeled problem areas that were causing trouble with website visibility and consistency.
- Collaborated in fixing social media business profile errors to attract more customers and have a more professional look.

Remote

Aug. 2021 - Aug. 2021

### Jerez Electric Heating & Cooling

ASSISTANT

- Boosted productivity by assisting on projects and communicating with the team to complete jobs successfully and improve morale.
- Organized receipts and calculated the amount spent throughout the year to prepare for taxes.
- Received telephone calls, updated customers on project status, greeted visitors, and ascertained the nature of the calls or visits for Managers. Performed other clerical and administrative work in support of the organization.

Fayetteville, NC

May 2019 - Aug. 2019