Leonel **Jerez Jr**

SOFTWARE ENGINEER

North Carolina, USA

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Summary

Detail-oriented Software Engineer and Game Developer with a passion for helping make people's lives easier with innovative software tools. I have 3 years of experience in creating professional software and problem solving any issues in order to deliver a next-generation solution by quickly mastering new methodologies.

Education

University of North Carolina Charlotte
Charlotte, NC

B.S. IN COMPUTER SCIENCE
Jan. 2016 - May 2020

- *Volunteer*, UNC Charlotte Office of Disability; *Volunteer*, Public Relations Society of America; *Member*, Association for Computing Machinery
- Relevant Coursework: *Visualization & Visual Communication, Advanced Game Design & Development, Artificial Intelligent Computer Games, Database Design & Implementation, Intro to Computer Networks, Digital Image Processing & Remote Sensing, Data Structures & Algorithms*

Fayetteville Technical Community College
Fayetteville, NC

CERTIFICATE IN COMPUTER PROGRAMMING
Aug. 2014 - June 2015

Projects

The Movie Database
Fayetteville, NC

SOFTWARE DEVELOPER
Aug. 2021 - Aug. 2021

- 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.

Pac-Man Dodge
Charlotte, NC

SOFTWARE DEVELOPER
Aug. 2019 - Dec, 2019

- As a team of 3, created a game with advanced path-finding and formation AI using Unity to present to the class.
- Drafted and coded the environment, Pac-Man's behavior, the game's UI, and random in-game events using C# with the latest optimization techniques in Unity.

Garden Spy
Charlotte, NC

SCRUM MASTER & SOFTWARE DEVELOPER
Jan. 2019 - May 2019

- 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 a expandable Firebase database to store variables from the sensors attached to the Raspberry Pi.

Work Experience

Guided Innate Aware, Life Coaching
Remote

FREELANCE WORDPRESS DEVELOPER
Aug. 2021 - Aug. 2021

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

Jerez Electric Heating & Cooling
Fayetteville, NC

ASSISTANT
May 2019 - Aug. 2019

- 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 the support of the organization.

Shaiya Private Server
Remote

GAME DEVELOPER
Aug. 2015 - Dec. 2015

- Contributed in the creation and development of a successful private server for a game with over 1000 players using Microsoft SQL Server.
- Assisted in creating and optimizing SQL stored procedures and other basic database scripts. As well as, boosting engagement by creating new monsters, items, and events for players.

Skills

Back-end	C#, Java, C++, SQL, Visual Basic, Python, PHP, Ruby on Rails, Assembly
Front-end	HTML5, CSS, React.js, JavaScript
Tools	Unity, Microsoft Visual Studio, Visual Studio Code, Microsoft Office, Android Studio, WordPress, Microsoft SQL Server Raspberry Pi, Firebase, Git, ENVI, Agile Scrum Framework, Quality Assurance, Object Oriented Programming, Adobe Photoshop
Languages	English, Spanish