Horacio Garcia

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Description

Exceedingly dedicated with a strong computer science background and great problem solving skills. Extensive experience gathering requirements, designing user interfaces and implementing software systems using solid software engineering principles. Highly organized, self-motivated individual with good listening skills, and a great team player.

Education

KENNESAW STATE UNIVERSITY
Bachelor of Science in Software Engineering
Graduation Date: December 12, 2017
GPA 3.40

GEORGIA PERIMETER COLLEGE
Associates of Science in Computer Science
Graduation Date: July 24, 2015
GPA 3.45

Skills

Technical: Java, C++, (SQL) Databases, GitHub, Software Architecture and Design, Computer Architecture, Data base systems, Software Requirements, Software Project Management, Software Engineering Principles, Linux shell (Basic Linux command line experience), Microsoft visual studios 2017, Bootstrap, Microsoft Word 2017, Microsoft Excel 2017, Microsoft PowerPoint 2017, Visio, Unity (game engine), AutoCAD 2017, and agile methodology experience (Scrum).

Other: Speaks, reads and writes in Spanish fluently.

Projects

Library Management System: Built a fully working library management system using JAVA. The system allowed users to check-in books, check-out books, search for books and authors. Also, it allowed managers to generate reports to make better decisions. This project included all phases of the development lifecycle, from requirements gathering, to design, to implementation and maintenance.

Planetary System: Built a virtual reality application that helps kids learn about the planets. In this project, use case diagrams were used to capture the requirements, activity diagrams where used to help identify all the high-level components, then used class Diagrams to draw the various classes needed for the application. Sequence diagram were generated to show the interaction between the various classes. From these diagrams, the team created multiple software designs that we further refined and combine them to have a solid architecture that is highly maintainable and flexible. We went on to implemented the project using unity game engine and python.

Digital Clock: The project's duration was three months; this project was mostly concerned with the design and implementation of the circuit on a bread board. By getting multiple logic gates, timers and displays to interact with one another. The end result was the creation of a digital clock. The goal of this project was to demonstrate the knowledge of logic gates, Karnaugh maps, sequential circuits components, state diagrams and state tables.

File Compare system: designed and implemented a plagiarism detection system that was able to analyze multiple files and determine the degree of similarity between the files. The system generated a report that displayed the percentage copied, the sections copied and other data points based on the user settings. The system was built using JAVA and was able to quickly analyze multiple files.

Work Experience

Paschall Truck Lines   **Murray, KY**
Commercial truck driver   October 2018-Present
- OTR (Solo and team driver).
- ELD and messaging with QUALCOMM Omnitracs.
- Time management skills (accurate ETA's and PTA's).
- Preplanning routes for loads.
- Sending in paperwork through transflo.
- Communicating effectively with dispatch.

Advance Auto Parts   **Palmetto, GA**
Sales (Assistant Manager)   February 2010-Present
- Helping customers resolve problems and concerns.
- Assist in new employee training.
- Assist with managing inventory.
- Recognize team and individual performances.
- Help organize and schedule teams to accomplish specific goals.
- Implementing and following company standards.