

**Carlos Toledo**  
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Re: Developer Position

To whom it may concern:

I am a highly motivated engineer looking to obtain a position as a software engineer. My education and my experience in team programming projects have established the foundations necessary to succeed and to contribute positively to the company's development department.

My minor in Mathematics strengthens my ability to solve problems and to think creatively and analytically regarding any given programming obstacle. My technical expertise includes fluency in multiple programming languages, and advanced knowledge of various development tools and methodologies. I have participated in different projects and have contributed to all the different phases of the development of a system such as the requirements specification, design, coding and testing. I have developed following different programming methodologies such as SCRUM and other agile methodologies.

One of my most rewarding team projects was to create an airline reservation system. My team delivered full documentation of the software, including a functional specification, design and architecture, and a fully functional program. The program was developed in Eclipse using Java and JDBC to communicate with a local SQL database. It was rewarding to work with teammates with different skills and see how we all contributed differently.

In my senior project, I worked in a system that simulates a soccer match between two teams. The system was developed in Xcode using C++ and OpenGL. The system utilizes mathematical equations to control the players' and ball's movement along the soccer field. They were continuously tracked so that every player was aware of what was happening at any time during the game. All the players' actions were controlled through decision-making algorithms that would analyze the current state of the game. Everything was displayed through a user-friendly graphical interface that would show all the players' and the ball's positions and actions.

I would be honored to join a thriving company where my ability to develop would be challenged and will grow along with the company. The attached resume further explains the course work and work experience that I mastered in recent years. I am looking to personally discuss how my skills and experience will contribute to the company. Thank you in advance for your consideration.

Sincerely,  
Carlos Toledo