Dear ARA Recruiter,

I found a job post the company’s website (via SimplyHired) that says you are seeking a full-time junior to intermediate C++ developer. I would like to apply for this position (job code: SED-191).

I’m a US born citizen, a recent graduate in computer science, with a background in motels. The main programming language throughout the curriculum was C++, and object oriented programming was enforced. I’ve also experienced LAMP programming, oracle 10g, python, and java from electives.

According to the job post, you are looking for C++ programmer. Luckily this is what I’m most experienced in and interested in. I plan to master this language, due to my aspirations of being a game programmer. I’m also very fond of the living in a booming technological area such as Raleigh.

Feel free to contact me anytime for further information, and thank you for your consideration.

Sincerely,

Rahil Patel

Job Code : SED-191

Division : ARA-Southeast Division

Location : Raleigh NC US 27615

% of Travel Required : 10-20%

Job Type : Full Time

Career Level : Entry Level

Education : Bachelor's Degree

Skill : Programming -> C++

Category : Engineering, Computers, Software

Job Description :

Applied Research Associates (ARA) is looking for a person to contribute to software development teams working on a wide variety of projects including Geographic Information Systems (GIS), 3D computer graphics, and physics-based modeling and simulations. This is a full time position with the Characterization & Planning Group, part of the ARA Southeast Division (SED) located in Raleigh, North Carolina.

You will:

· Participate in requirements definition

· Participate in developing preliminary and detailed designs

· Implement new features in C++ applications

· Develop test scripts

· Execute test scripts and document results

COMPANY INFORMATION:  
Applied Research Associates, Inc. is an employee-owned international research and engineering company recognized for providing technically superior solutions to complex and challenging problems in the engineering and science industry. The company, founded in Albuquerque, NM, in 1979, currently employs over eleven hundred professionals and is rapidly growing. ARA offices throughout the United States and Canada provide a broad range of technical expertise in defense technologies, civil technologies, computer software and simulation, systems analysis, environmental technologies, and testing and measurement.

At ARA, employees are our greatest assets. The corporation realizes that employee ownership spawns greater creativity and initiative along with higher performance and customer satisfaction levels. ARA gives its employees the tools, training, and opportunities to take more active roles as owners. The culture is challenging; innovation and experimentation are the norm. Employees are recognized and rewarded for their contributions which not only add to the company’s success, but also their own through the Employee Stock Ownership Plan (ESOP). The motto, “Engineering and Science for Fun and Profit” sums up the ARA experience. For additional information and an opportunity to join this unique workplace, please visit our website at [www.ara.com](http://www.ara.com/).

Please include the position number (SED-191) in your response and clearly state your salary requirements and citizenship. All interested applicants should apply through the ARA web site at [careers.ara.com](http://careers.ara.com/) or through [www.monster.com](http://www.monster.com/).   
  
Applied Research Associates is an Equal Opportunity Employer.

Job Requirements :

REQUIRED QUALIFICATIONS

· Experience in C++ programming and Object Oriented Design

· BS Degree in Computer Science, Computer Engineering or both; 3.0 GPA or better

· Understanding of software engineering concepts and data structures

· Strong oral & written communication skills

· Ability to contribute in a team environment

· U.S. Citizen with eligibility to obtain a DoD Top Secret security clearance

DESIRED QUALIFICATIONS

· Experience with Microsoft Visual Studio and/or MFC based user interfaces

· Experience producing formal designs using UML

· Experience with large-scale systems development

Strong mathematics background