Programmer/Analyst – CVS core grant

The Center for Visual Science is seeking a programmer to develop software for vision research aimed at studying visual information processing in the eye and brain. An ideal candidate would have familiarity with both Macintosh and PC operating systems and the programming skills listed below. The programmer will work with several researchers interested in optical instrumentation with real time data/image processing, biomedical imaging and brain imaging. A successful candidate could be a recent graduate with an undergraduate degree in computer science, engineering or mathematics. Preference will be given to candidates with 1-3 years of working experience who are comfortable working in a vigorous, fast-paced and exciting research environment.

Preferred programming skills
   - C derived languages: Visual Studio, C, C++, C#, C++/Cli, Python
   - Object oriented design patterns: MVC* for user interfaces (* Model-View-Control)
   - Multi-threaded applications built with APIs* that implement Observer patterns

   - Developing and using image processing algorithms
   - Programming hardware interface and real-time data streaming
   - STL (templates) in C++ or Generics in Java, C#

Applicants should send CV to debbie@cvs.rochester.edu

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