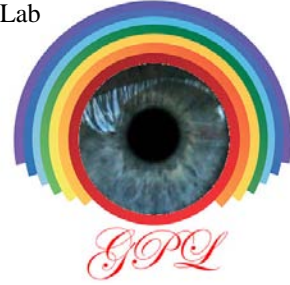


**JOB TITLE:** Technical Assistant for the Multidisciplinary Vision Research Lab  
**WAGE:** 10  
**DAYS:** Mon-Fri  
**HOURS:** 8:30-5:30  
**HOURS A WEEK:** 40  
**START DATE:** 6/6/2011



**~ JOB INFORMATION ~**

**POSITION SUMMARY:**

We are looking for a technical assistant to provide computer programming and technical support for the Multidisciplinary Vision Research Lab (MVRL). The MVRL faculty come from the Imaging Science, Psychology, Human Computer Interaction, and Computer Science departments at RIT, and conduct research on the development and application of eye-tracking technology. This innovative research lab uses and invents eye-trackers to study human eye gaze, vision, attention, and perception. The technical assistant would be primarily responsible for assisting in technical issues of eye tracking research, including training others to use the eye-trackers, software and hardware trouble-shooting, and programming. Prior experience with eye tracking is not required. More information about our research can be found at [http://www.cis.rit.edu/mvrl/MVRL/MVRL\\_Home.html](http://www.cis.rit.edu/mvrl/MVRL/MVRL_Home.html)

This position is ideal for a student seeking an advanced co-op (Computer Engineering, Computer Science) or a recent B.S. graduate who is considering advanced graduate training.

**ESSENTIAL FUNCTIONS:**

- The technical assistant will aid faculty and students in the MVRL with Matlab programming (and potentially with Objective C, C++, and Java), and assist in the design of ongoing eye-tracking research.
- The technical assistant will develop expertise in the hardware and software involved in eye-tracking research, and will then assist with training and troubleshooting on the different eye-tracking technologies.
- The technical assistant will maintain and provide assistance with Windows XP and Windows 7 user accounts.
- The technical assistant will be responsible, mature, reliable, and able to work independently without direct supervision.
- The technical assistant will also have opportunities to develop new hardware solutions for the lab.

**QUALIFICATIONS/SKILLS REQUIRED:**

- Programming skills: MatLab (required), Objective C, C++, and Java (preferred)
- Aptitude for basic research, including helping faculty and students design and set up studies using eye-tracking technology.
- Skills in trouble-shooting hardware and software, including Windows XP, Windows 7, and Mac OSX user accounts.
- Ability to quickly understand and use new technologies, and to help others understand them.
- Responsible, mature, reliable, and able to work independently without direct supervision.

**TO APPLY CONTACT:** Dr. Joseph Baschnagel

**PHONE:**

**TTY:**

**EMAIL**