**Instrumentation Specialist – PVL 92299**

**Education:** Bachelors' degree in engineering, computer science, or related field.

**Appointment Percentage:** 50% - 100%

**Full Time Salary Rate:** minimum $40,677 annually – depending on qualifications.

**Number of Positions:** 1

**Minimum Number of years or type of relevant work experience:**

Well-qualified candidates will have the following required experiences:
- A minimum of two years' work experience in computer programming and web development.
- A minimum of two years' work experience in programming in MATLAB and C++/C#.
- A minimum of one year work experience in developing web server/client applications with knowledge of HTML5, CSS, PHP, Javascript, and SQL.
- Prior work experience with app development for Android and Apple IPhone Operation System (iOS).
- Prior work experience involving collaboration or cooperative team work.
- Basic understanding of or coursework in digital signal processing.
- Prior experience working with eye tracking and head tracking hardware (experience with SR Research Eyelink and Optitrack systems preferred).

Well-qualified candidates will have the following preferred experiences:
- Experience working in a setting where behavioral psychophysical experiments are performed.
- Experience with experimental situations in which auditory perception is measured.
- Previous work experience with digital signal processing and sound calibration strongly preferred.
- Experience in research techniques and human subjects research guidelines and compliance is preferred.
- Familiarity with cochlear implants and cochlear implant sound processing is preferred.
- Experience working in teams and providing support to multi-disciplinary teams is a plus.

**Job Summary:**

This position will provide research assistance to staff, students and researchers in the Binaural Hearing and Speech Laboratory. This position will be responsible for writing software for data collection and analysis, in particular for SR Research Eyelink and Optitrack hardware systems. This person will perform some aspects of digital signal processing and calibration, perform some hardware modifications, and provide support for the development of web server/client applications and app development for remote data collection.

For a complete list of duties and qualifications, please see:


We offer an excellent benefits package as well as a competitive salary based on qualifications.

**How to Apply:**

To be considered for this position, applicant materials must be submitted online. Applicants will be asked to upload a cover letter and resume detailing their interest and qualifications as it relates to the position.

Please click on the "Apply Now" button to start the application process at the following link:

http://jobs.hr.wisc.edu/cw/en-us/job/496926/instrumentation-specialist

Primary Contact: Choutae Yang
Email: cyang@waisman.wisc.edu.
Address: 1500 Highland Ave, Room 251
Madison, WI 53705
Phone: 608-263-5671

Questions about the position can be directed to Choutae Yang.

To ensure consideration for this position, applications must be submitted by December 29, 2017.

**********************************************************************************

If you need to request an accommodation because of a disability you can find information about how to make a request at the following website: http://www.oed.wisc.edu/478.htm

Note: Unless confidentiality is requested in writing, information regarding applicants and nominees must be released upon request. Finalists cannot be guaranteed confidentiality. UW-Madison is required by law to request data from applicants for employment in order to monitor its recruitment and selection practices. In order for us to meet this federal reporting requirement, please go to http://www.oed.wisc.edu/reports-and-forms.htm to fill out the Voluntary Self-Identification of Disability Form and the Applicant Self-Identification Form for Protected Veterans.

Please reference the Position Vacancy Number 92299 when uploading your completed forms. Completing these forms is voluntary and your responses will be kept confidential and is not considered as part of the hiring criteria.

The UW-Madison is an EEO/AA Employer. We promote excellence through diversity and encourage all qualified individuals to apply. A criminal background check will be conducted.