



Gait Lab Engineer

Job ID 70168

Location Aurora, Colorado

Full-Time

Why Work at Children's...

Here, it's different. Come join us.

Children's Hospital Colorado has defined and delivered pediatric healthcare excellence for more than 100 years.

Here, the nation's brightest nurses, physicians, scientists, researchers, therapists, and care providers are creating the future of child health. With an optimist's outlook, a trailblazing spirit, and a celebrated history, we're making new strides every day.

We've been Magnet-designated four times by the American Nurses Credentialing Center and are consistently recognized among the nation's top 10 pediatric hospitals by U.S. News & World Report.

As a national leader in pediatric care, we serve children and families from all over the nation. Our System of Care includes four pediatric hospitals, 12 specialty care centers, 400+ outreach clinics and 7,000 healthcare professionals representing the full spectrum of pediatric care specialties.

We need your expertise.

A career at Children's Colorado will challenge you, inspire you, and motivate you to make a difference in the life of a child. Here, it's different. Do you have what it takes?

Additional Information

Department: Ctr for Gait Movement Analysis

Hours per week: 40, eligible for benefits

Shift: M-F 7:30 to 4

Job Overview

Provides engineering and technical support to CGMA motion laboratory, primarily related to clinical motion capture and physiologic measurement. Collaborates with the laboratory Physical Therapists, Kinesiologist, and Biomedical Engineer in direct and indirect clinical movement laboratory operations. This includes operating and troubleshooting specialized laboratory equipment, patient marker placement, data processing, and report generation using MS office applications and EMR software. Other duties as required or assigned by the Director of CGMA.

Qualifications

Experience in motion capture and/or in a clinical gait analysis laboratory strongly suggested. Proficiency in analytical and programming languages related to movement analysis, including Vicon software, Matlab, LabView, statistical analysis, and the MS office applications. Ability and desire to work as an integral member of a multidisciplinary health-care team, as well as interact with clinical subjects undergoing motion analysis.

Required Education Field of Study - Engineering General

Physical Requirements

Ability to Perform Essential Functions of the Job

Salary Information

Annual Salary Range (Based on 40 hours worked per week): \$54,695.88 to \$82,043.82

Hourly Salary Range: \$26.30 to \$39.44

Benefits Information

As a Children's Hospital Colorado team member, you will receive a competitive pay and benefits package designed to take care of your needs that includes base pay, incentives, paid time off, medical/dental/vision insurance, company provided life and disability insurance, 403b employer match (retirement savings), and a robust wellness program.

Scope & Level

- Financial Accountability: a -Responsible for personal use of resources, supplies, and materials, tracking personal spending and submitting accurate expense reports.
- Impact of Decisions: c -Decisions limited to implementation and completion of departmental functions, goals, and projects, and exert some influence on cross-departmental workflow and outcomes.
- Judgment: b -Sets priorities for own work within overall guidelines; manages own workflow in cooperation with others.

Physical Requirements

Ability to Perform Essential Functions of the Job

Audio-Visual: Color Discrimination: Good

Audio-Visual: Depth Perception: Good

Audio-Visual: Far Vision: Good

Audio-Visual: Hearing: Good

Audio-Visual: Near Vision: Good

General Activity: Sit: 2-4 hrs. per day

Motion: Bend: Up to 1/3 of time

Others: Occupational Hazards - exposure to unsteady or falling patient: In the course of transferring a patient, may encounter a patient who falls or loses balance, causing employee to fall and/or bear the full weight of a patient

Use of Hands/Feet: Both Hands - Precise Motor Function (Or Fine Manipulation)

Weight Lifted/Force Exerted: Up to 100 pounds: Up to 1/3 of time

Work Environment

Exposure: Exposure to blood/body fluid: Occasional.

Exposure: Exposure to infectious diseases: Occasional.

Mental and Emotional Requirements: Manages stress appropriately.

Mental and Emotional Requirements: Works with others effectively.

Mental and Emotional Stress: Managing workload and system issues

Mental Stress: multi-tasking, meeting deadlines, prioritizing

