

Assistant Performance Specialist | Epic Sports Biomechanics | Newtown, PA, USA

JOB TITLE:

Assistant Performance Specialist

COMPANY:

Epic Sports Biomechanics
98 Walker Lane
Newtown, PA 18940
www.epicsportsbio.com

JOB DESCRIPTION:

Epic Sports Biomechanics, LLC. is offering an opportunity for a highly motivated individual to join our team as an Assistant Performance Specialist. This individual should have experience coaching and training baseball and softball players. The qualified individual will have an opportunity to learn and use all of our technology including our motion capture system, IMU-based three-dimensional motion tracking system, ground pressure technology, high-speed video capture, and ball-flight tracking systems such as HitTrax, Rapsodo Pitching, and Rapsodo Hitting. The qualified individual will also learn to execute our physical evaluations that include a Functional Movement Screen (FMS), flexibility/mobility assessments, athletic power & strength, athleticism profile, and injury-specific screens such as our shoulder complex screen. The qualified individual will be responsible for the execution of our one-on-one athlete-specific training programs that focus on baseball and softball skill optimization as well as strength and conditioning programs. Additional responsibilities will include taking an active role in the business development process which includes client recruitment and client retention.

This position will involve hands-on work with our clients during their training programs, skill assessments, and physical assessments. The qualified applicant can also expect to be involved in off-site team assessments and business development engagements. A biomechanics, kinesiology, biomedical engineering (or other similar engineering discipline), athletic training, and/or strength & conditioning background would be advantageous, as would prior experience playing or coaching baseball or softball. Prior experience or a working knowledge of high-speed cameras (i.e. Edgertronic), ball flight technologies (i.e. Rapsodo, HitTrax, Trackman, etc.), motion capture and IMU sensor technologies would also be helpful but not necessary.

SPECIFIC JOB RESPONSIBILITIES:

- Execute one-on-one baseball and/or softball training programs
- Client recruitment and retention focused business development
- Perform data collections of the biomechanical assessments across all sports
- Post-process program-based data sets
- Maintain facility equipment
- Schedule and organize client sessions
- Calibrate technologies and collect data
- Troubleshoot technological issues

- Maintain meticulous and up-to-date catalogs of data processing statuses as well as athlete training programs
- Assist in the preparation and delivery of biomechanical reports
- Remain abreast of technological advancements in biomechanics

DESIRED APPLICANT CHARACTERISTICS:

- Experience playing and/or coaching baseball and/or softball
- A passionate self-driven and inquisitive personality focused on pushing the limits of sports biomechanics research
- A well organized and meticulous personality
- Strong verbal communication skills with the ability to deliver high-level concepts to those with little or no engineering background
- Possesses the ability to initiate research, and think through projects and problems independently
- A career-driven individual who prioritizes the strategic goals of the organization
- A passion for finding and analyzing objective scientific data to understand the movement patterns of athletic performance
- Prioritizes long term athletic development and injury mitigation over short term gains
- Capable of throwing short-box batting practice

PHYSICAL REQUIREMENTS:

- Perform general athletic activities such as catching and throwing medicine balls (4 to 10 lbs)
- Lifting and carrying 10 to 50 pounds
- Possesses the athleticism necessary to demonstrate various warmup, cool down, and corrective exercises
- Climbing ladders

APPLICATION PROCESS:

Interested individuals should submit their resume, a brief cover letter, and any examples of community contributions (i.e. blogs, publications, etc.) to ron@epicsportsbio.com. The cover letter should demonstrate the applicant's skills and interests in the area of sports biomechanics.

EQUAL OPPORTUNITY EMPLOYER:

Epic Sports Biomechanics, LLC is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, creed, gender, marital status, sexual orientation, citizenship status, color, religion, national origin, age, disability, veteran status, or any other status protected under local,

state, or federal laws. For employees and applicants for employment who have disabilities, Epic Sports Biomechanics, LLC provides reasonable accommodations.

CONTACT INFORMATION:

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Director of Sports Biomechanics

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