



Title: Software Engineer Summer Associate

Department: Baseball Research & Development

Reports to: Director, Baseball Research & Development

Status: Hourly Part-Time Seasonal

Position Overview:

The work of a Software Engineer (SWE) Associate at The Phillies extends well beyond merely coding. As a SWE you contribute fresh ideas in a variety of areas depending on your areas of interest and expertise, including information retrieval, networking and data storage, security, machine learning, natural language processing, UI design and mobile to shape the evolution of The Phillies baseball analytics systems.

Our ideal engineers will have a versatile skill set, be enthusiastic to handle new challenges, and demonstrate leadership qualities. You will work closely with end-users across Scouting, Player Development and the Major League Coaching Staff while building software tools from the ground up. By identifying appropriate design specifications through collaboration with those end-users, you will build applications that conform to user needs.

Specific areas of focus may include, but are not limited to, the draft, free-agency, player valuation, player development, in-game strategy, and injury prevention. Our Summer Associates will each get an experienced SWE as a mentor and you will have the opportunity to use your technical expertise to create software solutions that impact decision-making at The Phillies.

Responsibilities:

- Improve existing platforms and design new proprietary applications to be used directly by the GM and executive staff
- Collaborate with front office executives, scouts, coaches, and medical staff regarding the design and technical specifications of software solutions for Baseball Operations
- Work together with Baseball R&D department to help optimize the Phillies baseball analytics systems, including crafting solutions to efficiently and effectively synthesize, organize and present data from multiple third-party sources
- Help to augment the technical knowledge of the entire Baseball Operations department by providing training, mentorship and support on the use of all applications and tools built by the team

Required Qualifications:

- Possess or are pursuing a BS degree in Computer Science or a similar technical field of study, or possess equivalent practical experience
- Software development experience in one or more general purpose programming languages (including but not limited to: Java, C/C++, C#, Go, Objective C, Python or JavaScript)
- Interest and ability to learn new technologies as needed

- Experience working with two or more from the following: web application development, Unix/Linux environments, mobile application development, design thinking, machine learning, natural language processing, and data architecture
- Proven willingness to learn new techniques

Interested applicants should submit both their resume and an answer to the following question:

What is your favorite programming language to use and why do you like it? (There is no right or wrong language; we're interested in how you think critically about the tools you use)

Tip: Again, there's no defined right or wrong answer. Responses are used to get some insight into how you approach problem solving and technology in general.

Please submit your resume and question response to [our Greenhouse job posting](#) no later than Sunday, April 11, 2021.

The Phillies is an Equal Opportunity Employer