

## **Akili Interactive Labs: Data Visualization Developer**

*Seeking a Data Visualization Developer for a rapidly-growing digital health company.*

**Location: Boston, MA**

### **Company Overview:**

Akili Interactive ([www.akiliinteractive.com](http://www.akiliinteractive.com)) is aiming to commercialize an entirely new class of medical product that combines rigorous scientific validation with engaging video game mechanics. We are creating the next-generation of cognitive assessments and neural therapeutics (what we call "Electronic Medicine"™) based on cutting-edge neuroscience and validated by clinical trials. Akili's flagship product, the Project: EVO platform, is based on technology developed at UCSF that was featured [as the cover article](#) in *Nature* in September 2013, under the headline "Game Changer".

Akili was founded by leading neuroscientists and top-tier game design veterans to create gaming experiences that are designed to have measurable health impacts in multiple patient populations. Akili has done deals with top pharmaceutical companies, and has received recent recognition in major media outlets including the Wall Street Journal, CNBC, Fast Company, and The Verge.

### **Job Description:**

Akili is seeking an entrepreneurial team member for our data-focused health/tech team. This is a unique opportunity to process and analyze deep data that will impact product development with the broader goal of impacting the health of our users. The Data Visualization Developer will be a core part of our R&D team of scientists and video game designers with the primary responsibility of designing, implementing, and maintaining Akili's front-end query and data exploration system. The Data Visualization Developer will have the following main responsibilities:

- develop custom web-based data visualization tools for internal team and external customer uses;
- conduct analyses on user behavior data, supporting product iteration and clinical validation;
- prototyping eventual market tools for clinical products, such as patient portals & doctor dashboards;
- assisting on back-end development and database maintenance & development;
- being a core part of a high-energy team focused on delivering a new paradigm in mobile health;

### **Qualifications:**

- A degree in computer science, mathematics/statistics, computational neuroscience or related field with an emphasis on computer programming. Other fields of study or equivalent industry experience will be also considered if technical proficiencies (see below) are met.
- Experience with creating engaging front-end UI/UX and web-based data visualizations.
- Familiarity with statistical and/or machine learning analyses.
- Demonstrated drive to work on novel problems and innovative solutions.
- Interests in healthcare, neuroscience, or psychology fields are a big plus.

### **Technical Proficiencies:**

- Experience with multiple programming languages and the flexibility to rapidly learn new ones. Applicable languages include (but are not limited to): C++, PHP, Java or Python.
- Experience with web front-end development and related tools such as: HTML(5), CSS(3) or JavaScript.
- Experience using front-end data visualization tools or libraries such as: Google Charts or D3JS.
- Familiarity with data analysis software/scripting languages such as: SAS, SPSS, Matlab or R.
- Experience with database administration and query languages such as: MySQL, MSSQL, Hadoop or MongoDB.

### **Position offers a competitive salary and equity compensation**

Please send a cover letter and your resume/CV to [info@akiliinteractive.com](mailto:info@akiliinteractive.com). Please mention the job title in your correspondence. For more information on us, please visit at [www.akiliinteractive.com](http://www.akiliinteractive.com).