



## Chief Technology Officer

Redwood City, California

Phoenix Bioinformatics is looking for a Chief Technology Officer to join our nonprofit scientific data publishing startup. As technical lead and member of the executive team, the CTO will both guide our technical decisions and play an instrumental role in shaping our long-term business strategy.

The ideal candidate has experience in management of databases and online tools serving academic researchers, bioinformatics, and/or scientific publishing. S/he has extensive experience with and a strong commitment to modern software development, proven ability to lead teams and develop skills in others, and capacity for strategic thinking.

**Reports to:** Executive Director

**Location:** Redwood City, CA

### Responsibilities:

**Team Lead:** Coach our software developers in specific skills and agile development methods, instill a culture of efficient and responsive software development guided by customer input, communicate and collaborate with scientists on staff, recruit and hire new technical staff.

**Hands-on Developer:** Take on difficult software challenges, solve technical problems, pair program with team members, maintain our existing products, architect new products.

**Executive Staff:** Guide the technical development of the organization, foresee opportunities and risks, communicate and interact with coworkers and the Phoenix Board, help guide our long-term business strategy based on your vision of the future.

**Required Qualifications:** Significant experience with agile software development, software design and UX/UI, direct management and team leadership, recruiting and hiring, Java, JavaScript, SQL, data modeling tools, Apache, JBoss/Tomcat, Linux, REST web services and APIs.

**Preferred Qualifications:** Familiarity with Oracle, MySQL, Angular, JQuery, JSP, Python, Perl, Django, AWS, Jenkins, CloverETL, Stripe, experience in bioinformatics, ability to interact and communicate effectively with external stakeholders and customers, prior experience as CTO in a startup. Ongoing interest in scientific data, data sharing, and nonprofit, academic and scientific organizations.

### About Us:

Phoenix Bioinformatics is passionate about supporting global scientific research as a way to solve the most critical problems facing humanity, including food security, health and climate change. We founded the company in 2013 in response to a need for business models capable of sustaining scientific databases developed under federal grant funding. These databases underpin the work of academic researchers in every data-intensive research field worldwide and play an increasingly essential role as the size and

complexity of research datasets grows. Our current projects include support of TAIR (arabidopsis.org), our premier plant biology database used by 60,000 researchers globally per month, and a new partnership with BioCyc (biocyc.org) to develop a new funding stream to support their work on microbial genomes. Phoenix Bioinformatics combines a startup's culture of experiment and innovation, a nonprofit's passion for making a difference in the world, and the stable revenue and excellent employee benefits of a more mature company. We are a small organization (currently 8 employees) with big plans and a compelling mission. Come join us!

**Benefits:**

- Competitive salary
- Family-friendly policies including flexible hours and work from home days
- Ten paid holidays, 18-25 vacation days and nine days of sick leave per year
- Retirement plan (401K) with matching contribution up to 8% of salary
- Excellent health insurance plan

**More Information:**

<http://www.phoenixbioinformatics.org/newsandmedia.html>

**Contact us about this position:**

Please send a cover letter and resume to:

Eva Huala  
Executive Director  
jobs@phoenixbioinformatics.org