

Python Programmer - Web Developer

A software developer position is available at Dr. Kong's group in the Computational Health Informatics Program (CHIP, <http://www.chip.org>) at Boston Children's Hospital, Boston, MA, USA (www.childrenshospital.org). The group seeks to improve current clinical practices by providing expertise and insight from large-scale and multi-dimensional analysis in data-sets from patients with neurodevelopmental conditions and other disorders.

This position is available for a highly motivated and skilled individual with experience in developing web applications using python, data engineering, and data management.

A bachelor's degree in computer sciences is required in addition to 0-2 years of relevant experience. MS in bioinformatics is a plus. Applicants are expected to have some experience in the following:

1. Expertise in developing Python applications.
2. Familiarity with Flask (preferred) or Django web frameworks.
3. Familiarity with MySQL (preferred) or other relational databases engines. Experience using non-relational databases engines will be valued.
4. Familiarity using Docker. While not mandatory, experience using AWS and/or GCP is desirable.
5. Organize, maintain and document the group's data-structures.
6. Maintains and ensures the computational environment is set up such services provided by the group are available.
7. Experience in statistical programming with R is desirable but not mandatory.

Excellent communication and interpersonal skills are essential. The programmer will be expected to occasionally cross-training colleagues, to regularly communicate with the PI and other members of the group to ensure that development processes are done correctly and in a timely manner.

The candidate should be eligible to work in the United States without visa sponsorship.

The group is located at the Boston Children's Hospital, a teaching hospital affiliated with Harvard University. Interested applicants should send a cover letter outlining research experience and interests, curriculum vitae (CV), and the names and contacts of two references to Dr. Sek Won Kong (sekwon.kong@childrens.harvard.edu).