

JOB DESCRIPTION

Job Title:	HitS platform intern, data engineering
Reports to:	Director
Location:	DEL Lab MA
Exempt/Non-Exempt:	Exempt
Direct Reports:	None
Department:	RSD
Cost Center:	RSD-DWL
EEO Job Category:	Intern

Job Summary:

DEL (DNA-encoded library) is a rapidly growing drug discovery platform at HitS Business Unit in WuXi AppTec. This cutting-edge multidisciplinary platform combines the latest technologies in chemistry, chemical biology, biology and informatics. We are seeking for highly motivated and enthusiastic intern to join this platform. The candidate will collaborate closely with other functional teams in maintaining and developing our data platform, developing data-based applications and participating in data analysis and reporting.

Job Descriptions:

- Participate in developing machine learning applications.
- Participate in developing web-based applications.
- Maintain and develop the cloud-based data analytics platform.
- Assist the team in cloud system administration.
- Assist the team in database management.
- Work with the scientists as a team to assist DEL data analysis and reporting.

Experience / Education

- B.S, or M.S. students in software engineer, computer science, computational biology, computational chemistry and related fields.
- Additional experience in chemistry, bioinformatics, cheminformatics, and biophysics is a plus.

Knowledge / Skills / Abilities:

- Familiarity with AWS tools and infrastructures;
- Understanding in docker, RDMS, batch computing, and/or deep learning.
- Good technical communication skills;
- Good problem solving skills;
- Solid coding experience in shell scripting, python, java, PhP or Go.

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Physical Requirements:

- Ability to stand /Sit/walk for long periods of time;
- Ability to travel via plane or train.

An Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

This job description does not state or imply that the above are the only duties and responsibilities assigned to this position. Employees holding this position will be required to perform any other job-related duties as requested by Management.

Management Approval: _____ Date: _____

Employee Signature: _____ Date: _____