RESEARCH FOUNDATION CUNY

Careers at RFCUNY
Job Openings

Job Title	Senior Full Stack Developer
PVN ID	CC-2102-003879
Category	Managerial and Professional
Location	The CITY COLLEGE of NEW YORK
Department	CUNY Building Performance Lab (CUNY BPL)
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	May 30, 2021 (Or Until Filled)

General Description

In the CUNY Building Performance Lab (CUNY BPL), develop custom software applications using various programming languages to aid in analysis of building energy data for NYC-sponsored research clients; Develop/maintain/test building energy modeling applications with reporting functionality per user requirements; Support users to implement new features and tools, database schema modeling, data aggregation, complex visualization methods, dynamic User Interface (UI) component design; Enhance application programming interface to meet internal staff demands and the clients needs; Collaborate with internal staff to design and

implement new features to fit the evolving needs of the clients scope; Manage application development progress by researching options for new features and recommend to senior management on the ideal path forward; Mentor junior employees and/or undergraduate interns on research and methodology projects; Support senior management about translating milestone progress into final reports to clients.

Other Duties

N/A

Qualifications

Master of Science in Computer Science.

Strong skills in REST API (Django/REST API), virtual environments, Docker containers, functional programming, front-end UI/back-end API designs, implementation of re-usable/generic components & deployment to public domains and multi-threading & asynchronous applications design; Expert in programming languages: Java, JavaScript, TypeScript, C, C++, Python, SQL, PostgreSQL, MongoDB, GIT version control

or equivalent, scripting languages: HTML, HTML5, CSS, Sass, Less and assembly language and compiler construction; Must know front-end frameworks and libraries (React, Angular, Redux, Redux-saga, WebSocket API, Webpack, Enzyme, Jest, Google Material UI, Syncfusion UI, NodeJS, Bootstrap and JQuery).