



JOB DESCRIPTION

Title:	Intern – Junior Database Developer
Unit:	Information Technology
Reports to:	Database Systems Analyst
Status:	Part Time/ Hourly TBD
Job Code:	TBD
Location:	Long Island City
Days/Hours:	Mon-Fri 8am-6pm (15+ hours per week, flexible)
Date Prepared:	July 11, 2018

Position Summary:

Under the direct supervision of the Database Systems Analyst and guidance from the Director of Software Engineering. The Intern will primarily be responsible for documentation of internal legacy reporting system, while optimizing, commenting and implementing standardized T-SQL code. The position engages and coordinates directly with the IT development team; providing support and development as well as adhering and enforcing coding standards of assigned tasks.

This intern initiative will provide the candidate with real world hands on experience while learning and mastering Microsoft (T-SQL) programming language in a professional setting while gaining nonprofit organizational experience. This position is an ongoing position and may begin at any point in time, no restriction to school semesters, and additional hours may be approved during breaks. It is expected that the newly hired intern will get up to speed fairly quickly and perform in a productive manner of his/her assigned tasks after periodic monthly reviews. The Junior Database Developer Intern will have flexibility to schedule their work hours during Fortune's business work day/week and the possibility to work from second office location in Harlem. Qualified interns will be considered for hiring to a full-time employment position.

Essential Duties and Responsibilities:

- Review assigned reporting objects and associated SQL code, documenting in central internal "metadata" data dictionary system. Our legacy system, CLIMB, is utilizing SQL Server 2005, SSRS, and Microsoft Visual Studio 2005/2013.
- Modify existing code assigned to be compliant with internal "MS SQL Server Naming, Coding, and Implementation Standards" and possibly providing new implementations and/or suggestions.
- Where applicable, provide support in conjunction with developers to enhance existing SQL code by modifying or creating new objects, indexes, and constraints to boost optimization.
- Assist with new systems documentation, data entry data points, reporting and defining source and destination translations.
- Thorough testing of all of intern's SQL modifications and adjustments in conjunction with code reviews with developers and supervisors.

Qualifications:

- Enrolled as a full/part-time student in Bachelor's degree and/or Master's degree program, preferably in Computer Science, Information Technology, MIS, and/or Data Analytics related field.



- Knowledge of Microsoft SQL (T-SQL) DML, DDL programming skills; create/analyze database objects such as stored procedures, views, user-defined functions, triggers, constraints etc. May be knowledgeable from any Microsoft SQL Server (T-SQL) version [6.5|7|2000|2005|2012|2014|2016] with ability to learn and master.
- Understanding of using a reporting engine; such as SQL Server SSRS (preferable), Tableau, Crystal, and Access with ability to learn.
- Familiarity using a version control system such as TFS, Confluence, GIT, and Microsoft Source Safe with ability to learn.
- Must be detail oriented with good analytical skills.
- Excellent oral and written communication skills.

Knowledge of the following are “nice to have” but not required:

- Any technical certifications; Microsoft, Oracle, database related, OS, A+, Net+, etc.
- Knowledge of SQL Server versions 2005-2016, with an understanding of T-SQL changes and improvements; any administration on any server platform including Azure.
- Non-relational database systems such as MongoDB/NoSQL or any non-relational document based database system.
- Experience of data manipulation in Microsoft Excel, using Pivot tables, Cross tabs, Cubes, and/or providing graphical representation of raw data.
- Agile development experience utilizing systems such as JIRA, Kanban and monthly Sprints.
- Web Services, IIS, RESTful, SOAP, XML/XSLT Transformations.
- ESB Enterprise Service Bus (ESB) or Service Oriented Architecture (SOA) technologies such as Neuron ESB, Oracle, Mule Soft, or other technologies.
- Any medical knowledge/experience; EDI, HL7 v2/3, CCD, and/or FHIR.
- Background in statistical analysis and/or data management.
- Any experience in nonprofit social service setting.

Travel Requirements – Position is primarily located at our Long Island City office, no additional travel is expected nor required.

Physical Demands (if applicable):

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The responsibilities and requirements listed are representative of the knowledge, skills, minimum education, training, licensing, experience and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the job.

How to Apply:

Please submit resumes for the position to Anthony Lorenzo at alorenzo@fortunesociety.org.

The Fortune Society is an Equal Opportunity Employer. All qualified applicants will be afforded equal employment opportunities without discrimination because of conviction history, race, religion/creed, color, national origin, sex, age, disability, sexual orientation, gender identity, military status, predisposing genetic characteristics, victim of domestic violence status or marital status.