

# The American Society of Human Genetics

## Position Description

<b>Position Title</b>	<b>Reports to (Position)</b>	<b>Department</b>	<b>Classification</b>	<b>Date</b>	
Senior .Net Developer	IT Manager	ASHG I.T.	Exempt	1/27/2017	
<b>PRIMARY FUNCTION</b>					
Designs and develops innovative applications/tools based on best practices to achieve society/department's goals.					
<b>MAJOR DUTIES AND RESPONSIBILITIES</b>				<b>Rank</b>	<b>% Time</b>
<ul style="list-style-type: none"> <li>• Designs, develops, tests and analyzes database driven applications written in C# and .Net to ensure system compatibilities.</li> <li>• Creates and updates standard complaint Web APIs based on business requirements to streamline data exchange with third parties' software.</li> <li>• Maintains database tables and enforces data integrity to maximize optimization in database related operations.</li> <li>• Migrates database driven applications in Open Source (LAMP) platform to Windows .net platform.</li> <li>• Documents projects and applications and follows the programming standards, procedures and policies defined.</li> <li>• Performs other related duties as assigned</li> </ul>				1	30
				2	25
				3	20
				4	10
				5	10
				6	5
Positions may be reassigned and responsibilities may be modified or changed at any time to fulfill organizational requirements.					

<b>REPORTING RELATIONSHIPS</b>		No. Supervised by _____	
<u>Supervision Received:</u> <input type="checkbox"/> General Guidance  <input type="checkbox"/> Managerial Direction  <input checked="" type="checkbox"/> Direct Supervision  <input type="checkbox"/> Immediate Supervision	<u>Position Titles of Direct Reports</u> _____ <u>No. in Position</u> _____ <u>Direct Reports</u> _____		
<b>PRINCIPAL WORKING RELATIONSHIPS</b>			
Internal: <u>Position</u> Web Developer Web Designer Department staff			
External: <u>Position</u> IT/Technical staff		<u>Organization</u> Vendors	
<b>POSITION SCOPE</b>			
<u>Area/Item</u> _____ <u>Annual Measure</u> _____	<u>Area/Item</u> _____ <u>Annual Measure</u> _____		
<b>MINIMUM QUALIFICATIONS</b>			
<u>Education Level</u> Bachelor's Degree (Master degree preferred)	<u>Subject/Major</u> Computer Science or Engineering	<u>Skills</u>	<u>Level</u>
<u>Experience</u> 4+ years of experience in database driven application development in .Net framework, C#, VB.NET, ASP.Net 4+ years of experience in database driven application development in LAMP environment 4 years of experience of HTML, CSS and JavaScript 2+ years of experience working with MySQL and MS SQL Server (Stored Procedures, Reporting Services) 2+ years of experience building interactive Web UI using Node JS/Angular JS 2+ years of experience implementing Web APIs utilizing WCF, XML and JSON Experience and familiarity with cloud computing platforms, such as Microsoft Azure and Amazon Web Services is a plus Experience with Sphinx and Elastic/Lucene is a plus		ASP.Net, VB.Net, ADO.Net MVC 4, C# and Entity Framework Structured Query Language (SQL) and Stored Procedures Microsoft SQL Server Query and Reporting Services Node JS/Angular JS, JSON, AJAX and JQuery Perl/PHP Problem Analyzing/Solving skills Communication and Written skills HTML5, CSS3, JavaScript Linux/Unix Shell Script Microsoft Office Suite	Proficient Proficient Proficient Proficient Proficient Proficient Intermediate Intermediate
<b>EMPLOYEE SIGNATURE:</b> Name _____ Position _____ Date _____			
<b>APPROVED BY:</b> Name _____ Position _____ Date _____			