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|  **Job Description**  |  |
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| **Job Title** | **Truss Designer** |
| **Division** | **Truss Division** |
| **Department** | **Engineering Service** |
| **Effective Date** | **April 2017** |
| **Reports To** | **Team leader** |
| **Supervises Others?** | **No** |
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| For 60 years, Simpson Strong-Tie has focused on creating structural products that help people build safer and stronger homes and buildings. Considered a leader in structural systems research, testing and innovation, Simpson Strong-Tie is one of the largest suppliers of structural building products in the world.At Simpson Strong-Tie we value the individual, and the creativity that individuals can bring to the workplace. You join this company for a career, not a job! |

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**Position Summary**

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| Accuracy utilizing supplied design software to provide new truss designs that are preliminary*.* This would include layouts and truss files common to the majority of truss manufacturers.This position will be working with Truss Design Senior and Branch Truss Specialist (BTS) in US and will be required to work Monday-Friday office hours. |

**Essential Duties & Responsibilities**

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| **% Time** | **Job Responsibilities** |
| 100% | - Use supplied software to design accurate layouts and passing truss profiles* Review all Construction Documents provided by the customers (BTS).
* Design roof & floor trusses according to customer requirements, blueprints, engineered specifications and Design Services checklist

- Serve customers in efficiency, team building and problem solving manner. - Perform any other duties, responsibilities or tasks as assigned.  |

**Education & Certification Requirements**

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| **Required or Preferred** | **Degree or Certification** |
| Required | B.S. Degree in fields that relate to Construction such as: Civil Engineering, Architecture, Mechanical Engineering, Environment and Resource, Geology, Materials Technology ,etc.. |
| Referred  | English certificate equivalent to TOEIC 500 |

**Minimum Experience**

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| **Years** | **Type of Experience** |
| N/A | - Fresh graduated or one year experience in above fields |

**Skills, Knowledge & Abilities**

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| **Skill, Knowledge or Ability** | **Explanation** |
| Communication | - Strong verbal and written in English communication skills- Ability to express ideas in writing / email- Ability to effectively present information to higher levels, and other groups. |
| Teamwork | - Ability to maintain a collaborative approach in dealing with other employees.- The ability to actively participate in team meetings, brain-storming, review sessions- Ability to proactively share and improve knowledge with other colleagues- Ability to actively raise issues, provide feedbacks when working in a team- Being Enthusiastic attitude and ability to work well with others. |
| Responsibility  | - Ability to receive workload and respond to problems- Willingness to work late or over the weekend in order to complete the urgent tasks- Ability to try finishing the assigned tasks by all means**- Carefulness and high attention in working is an asset** |
| Computer Skills | - Good at Microsoft Office- Good at AutoCad and other PDF application- Good at problem solving |
| Technical Skill | - Competency in basic mathematics, geometry and trigonometry- Ability to read and interpret architectural and structural blueprints - Ability to see in 3D- General knowledge of Analysis of a simple truss |

To apply for this position, please send your resume to hhoang@strongtie.com by Friday 06/30/2017