

Hardie Parham | Senior Project Engineer

Team-focused engineer with 8 years of proven experience in Project Management and Structural Design. Quick-learning professional with excellent technical and communication skills. Possibility to obtain a PE license within 6 months of hire. Open for positions in Nashville TN, hybrid, or remote possibilities.

Experience

Toyota

- **Senior Project Engineer** *08/2023 - Present Georgetown, KY (Remote)*
 - Directly lead multiple concurrent large-scale industrial construction projects of up to \$50 million.
 - Provided experience in plant planning project management, construction, and building design to ensure projects were designed and built to quality, cost, schedule, and safety KPI's.
 - Developed criteria for MEP, Fire Protection, Structural, and Civil design of buildings as a Subject Matter Expert.
 - Managed and mentored a dedicated team of engineers, construction coordinators, and other project personnel.
- **Civil Engineer Specialist** *01/2021 - 08/2023 Brussels, Belgium (On-Site)*
 - Lead Pan-European manufacturing activities to ensure environmental compliance, minimize safety risks, and contribute to performance improvement through technical support and cross-company collaboration.
 - Directly lead multiple large-scale construction projects of up to €20 million from tendering, throughout construction, to completion.
 - Created and reviewed key project documentation and standards, such as cost estimations, project master schedules, civil kanban, change order requests, snag lists, and project completion reports.
 - Developed a cost database system for Toyota construction projects, utilizing Python, SQL, and excel.

Stantec Inc.

- **Structural Project Engineer** *05/2019 - 11/2020 Plano, TX (Hybrid)*
 - Lead engineer for the complete structural design of steel and concrete structures.
 - Lead construction administration phase including field reviews and coordination, review of change orders, clarifications and RFI responses as required.
 - Ensured company standards, quality assurance, and quality control procedures of Revit, AutoCAD, and BIM360 were followed during drawing production.
 - Supported senior and intermediate members of the production team, as well as having direct coordination with lead architects.

RLG Consultant Engineers

- **Structural Project Engineer** *07/2017 - 04/2019 Dallas, TX (On-Site)*
 - Designed structural members of various materials including steel, concrete, masonry, and timber with relevant design codes and software assistance.
 - Drafted structural models and details in Revit and AutoCAD.
 - Lead multiple concurrent projects through the construction administration phase including being the primary point-of-contact, reviewing shop drawings, and responding to RFI's through Procore.
- **Structural Engineering Intern** *06/2016 - 07/2017 Dallas, TX (On-Site)*

Education

Southern Methodist University

Class of 2017 University Park, TX

Bachelor of Science, Civil Engineering

Bachelor of Science, Mechanical Engineering

Personal Info

🏠 Nashville, TN

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🌐 [HardieParham.com](https://www.HardieParham.com)

Software

MS Excel
MS Suite
Bluebeam Revu
RISA 3D
RAM Structural
SP Column
Tekkla Structures

BIM

Revit
AutoCAD
Procore
Autodesk Build

Programming

VBA
Python
C# .NET
GDScript
Google AppScript

Certifications

OSHA 30 Safety
OSHA Subpart R
Engineer-In-Training (EIT)

Building Codes

Steel - AISC 15
Concrete - ACI
Timber - NDS
Loading - IBC, ASCE 7

Soft Skills

Technical Communication
Project Management
Budget Management
Cost Estimation
Construction Administration
Collaboration