

MOHIT GUPTA

MALE, 23 YEARS

B.E. (Hons.) Civil Engineering (2011-2015)

BITS Pilani, Pilani Campus

CGPA: 9.19/10



ACADEMIC ACHIEVEMENTS AND AWARDS

- AIR-298 in GATE 2017, Civil Engineering.
- Batch topper in third and fourth academic year, 2013-2015.
- Overall 3rd rank in B.E. Civil Engineering batch (out of 60 students).
- Scored the highest grade in 11 out of 16 civil engineering subjects.
- Scored 322 in GRE with perfect 170/170 in Quants section.
- Participated in '3D student Design Challenge 2014' by Autodesk under 'BIM Design'.
- AIR-136 in National Science Talent Search Examination.
- Secured 2nd rank in school in Class XII Board examinations with 87.2%

PROFESSIONAL EXPERIENCE

Project Lead, 3D concrete modeling at **Vconstruct**, Pune (A subsidiary of DPR Construction, USA) **June 2015- June 2016**

- Led 3-member project team to prepare as-built 3D models and deliver shop drawings to clients. My team successfully completed 6 projects which involved,
 - Preparing of highly efficient workflows for both modeling and drawing generation.
 - Performing various quality checks to validate the model to ensure model completeness, alignment and sanity.
 - Updating the 3D model regularly and shop drawings and sharing the changes with project team in form of pdf and CAD.
 - Developing 3D models to illustrate contractor issues and provide possible solutions.

INTERNSHIPS

Techture, Nagpur, a BIM based startup

December 2014- February 2015

- Prepared BOQs along with 3D architectural and structural model for a 2 lakh sq. ft. project.

Summer Intern, **Civil-Aid Technoclinic Pvt. Ltd.**, Bangalore

May 2013-July 2013

Civil-Aid Technoclinic Pvt. Ltd- a Bureau Veritas Group Company, which mainly deals in mechanical testing.

- Data analysis of various site and non-site geotechnical tests for Bangalore Metro underground tunnel.
- Results were later used to design the foundation.

THESIS

Thesis, **Birla Institute of Technology & Science**, Pilani

August 2014 –December 2014

'Building Information Modeling: Implementation, Benefits, Building Performance, and improved Seismic performance on a residential building.' under the supervision of Dr. Rajiv Gupta.

- Architectural, MEP and Structural designing along with Solar path and Shadow analysis (Autodesk-Revit). Energy analysis (Revit), Wind Analysis (Autodesk-Vasari) and Solar Analysis (Ecotect) for sustainability assessment.

EXPERIENCE & POSITIONS OF RESPONSIBILITY

- Teaching Assistant for an undergraduate course of Hydraulic Engineering.
- Project Coordinator of Civil Engineering Association, B.I.T.S. Pilani
- Experience in team work and leadership as a member of NIRMAAN Organization (<http://www.nirmaan.org/>), a constructive citizen movement, currently working in area of education and employment
- Joint-Coordinator of DHITI 2014, a kernel event in APOGEE 2014, themed around designing economic modules to curb potential problems in India
- Assistant Project Leader of Gyan Bodh, an education project of NIRMAAN Organization (90+volunteers), making efforts to ameliorate the quality of education in a community in Pilani.

OTHER INFORMATION

- Software Packages: Autodesk-Revit, Navisworks, AutoCAD, Synchro PRO, STAAD Pro, MS Project, MS Excel
- Languages (Professional Proficiency): English and Hindi
- Regular swimmer, Salsa dancer and interested in playing Table Tennis

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