

NIKITA PAVIN

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A New York, NY

EXPERIENCE

3D MODELER / DRAFTER, New York, NY
“Wexler Associates” - Consulting structural engineers

Nov. 2021
– **Present**

- Creating 3D models and structural drawing sets for new construction and renovation projects
- Collaborating & coordinating structural solutions with other members of the design and construction team.
- Providing design compliance with standards, codes and project requirements
- Providing technical support and guidance to other team members

LEAD BIM ENGINEER, St. Petersburg, Russia
“Renaissance Construction” - Prominent design and construction company

Nov. 2017 –
Sept. 2021

- Checked models for consistency
- Ensured compliance with BEP, EIR and other standards
- Looked for geometric collisions inside and between design disciplines
- Assisted and guided drafters and modelers
- Created internal BIM standards, element library and templates
- Used tools such as Dynamo and Python to automate repetitive tasks

STRUCTURAL ENGINEER, St. Petersburg, Russia
“Signy Group” - Design and consultancy company

Aug. 2014 –
Nov. 2017

- Created Revit and CAD structural drawings
- Coordinated solutions with other disciplines
- Created analysis models in Autodesk Robot and LIRA
- Performed structural calculations and analysis
- Ensured design compliance with standards and codes

SOFTWARE SKILLS

Autodesk Revit
AutoCAD
Navisworks
BIM360
Dynamo
MS Power Bi
Robot Structural Analysis
Tekla Structures
Vertex BD
Rhino 3D

CERTIFICATIONS

- Autodesk Certified Professional
In Revit For Structural Design,
ADSK-154-1188
- Tekla Structures Basic Certificate,
RU.18.0739
- OSHA 30 for Construction,
12-602454250

EDUCATION

- **The Cooper Union, NYC:** Retraining Program

Sept. - Dec. 2022

Courses: Steel & Concrete Design; Green Building; & Environmental Safety;
Building Operations, Maintenance & Regulations; OSHA 30 for Construction

- **St. Petersburg University of Architecture and Civil Engineering**, St. Petersburg, Russia
Specialist Degree in Civil Engineering,
Diploma With Honors

Sept. 2010 –
June 2015