**Yuval Coriat**

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347-326-3909

**Summary**

Well-rounded and skillful individual working toward a Civil Engineering Bachelor of Science degree with a structural concentration at The George Washington University. Looking to improve focus across the engineering field and develop further experience with a strong background in analysis, design, and computer applications. Interested in furthering investing and finance practices as well.

**Education**

**B.S. in Civil Engineering** George Washington University (GPA-3.6) Expected Graduation ~ May 2023

**Relevant Coursework:** Statics and Dynamics ~ Structural Theory~ Highway Engineering and Design ~ Materials Engineering ~ Environmental Engineering ~ Hydraulics ~ Reinforced Concrete Structures ~ Metal Structures ~ Geotechnical Engineering ~ Construction Project Controls ~ Foundation Engineering ~ Structural Design to Resist Natural Hazards ~ Financial and Managerial Accounting

**Certifications:** FE/EIT within the next 12 months

**Skills and Expertise**

**Technical Skills:** Engineering Graphic Design ~ Structural Analysis ~ Highway, Traffic, Pavement, and Drainage Design ~ Water Treatment/ Hydrology Applications ~ Reinforced Concrete Design ~ Metal Structure Design ~ Geotechnical/Foundation Analysis ~ Construction Project Analysis ~ Accounting

**Software/Computing Skills:** AutoCAD ~ Solid Edge/SolidWorks ~ Civil 3D ~ Revit ~ STAAD PRO ~ Python ~ MATLAB ~ C Programming ~ HAS-REC (Hydraulic Modeling) ~ MathCAD

**Professional Experience**

**Intern- Napoleon Development, Williston Park, NY** (May-Aug 2021)

* Reviewed housing models, layouts, and blueprints.
* Shadowed contractors on-site during development at various projects.
* Revised landscape and territory/boundary calculations for development.

**Structural Engineer Intern- R. Tech. NY, New York, NY** (May-Aug 2022)

* Site visits and reports according to NYS and NYC regulations for multiple structural and parking garage projects.
* Designed and revised plans on AutoCAD for restoration projects.
* Calculations (scaffolding, beams, columns, dunnage, etc.), approached contractor/owner technicalities, and organized new project details.

**Relevant Research Experience and Projects**

**Concrete Parking Garage Project-** Design of a Parking Garage using Reinforced Concrete Structure Applications (Jan-May 2022).

**Senior Design Project-** Design of a 21-Story Office Building with an Innovative Diagrid System

(Sept 2022-May 2023).