

# Washington Avellaneda

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Address: 10 Beverly Rd, Carmel, NY 10512

## Education

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### Rochester Institute of Technology, Rochester, NY

Expected Graduation

Bachelor of Science Civil Engineering

June 2027

GPA: 3.590

Course Work: Materials of Construction, Statics, Hydraulics, Strength/Mechanics of Materials, Reinforced Concrete Design, and Elementary Soil Mechanics

## Skills

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Revit, AutoCAD, STAAD, Microsoft Excel, ability to read construction plans, communication with sub-contractors and surveyors, soil and concrete testing, and surveying

## Projects

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**Automata Project** – Designed parts in AutoCAD to laser cut wood pieces, helped design the automata, and used hand tools to construct the project

**Revit Project** – Designed a house in Revit and created electrical, plumbing, and site plans following given criteria

## Work Experience

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### Atlantic Testing Laboratories, Highland, NY

May - August  
2023

Construction Materials Engineering and Testing Technician

- A.C.I certification for Concrete Field-Testing Technician, Grade-1
- Tested for soil compaction, concrete temperature, air content, and slump
- Read site plans to record the structures and locations of concrete pours or soil testing

### Thunder Ridge Ski Area, Patterson, NY

November - December  
2018, 2019

Rental Assistant

- Rented out ski boots and poles
- Helped customers with boot fittings
- Kept the ski area clean and organized

## Clubs and Activities

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R.I.T Steel Bridge Club – Design team member - Create bridge designs using STAAD and analyze deflection and stresses, hand calculations will be used to confirm the predicted results from loadings.