

Kacey J. Rose

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Objective

To obtain a full-time position in the field of Civil Engineering. Available mid-January 2018.

Education

Rochester Institute of Technology, Rochester, New York

Expected graduation: Dec 2017

Civil Engineering Technology, Bachelor of Science.

GPA: 3.22

Projects

Revit Design: Used Revit Architecture to design a proposed building for the Town of Wheatland Highway Department in Capstone class at RIT. This included the layout of the building, and 3D modeling of the whole building with furniture, lighting, and safety systems. Area plans were created to determine the rentable area for each room as well as the gross area of the whole entire building.

RIT Steel Bridge-Build Team: During last years conference, myself and three other team members constructed a 1:10 scaled model bridge during a timed competition. Teams are judged on construction time, horizontal deflection, vertical deflection and the overall cost of the bridge to determine a winning team.

Skills

- AutoCAD & AutoCAD Civil 3D
- Microsoft Office Essentials
- Technical Writing
- Revit Architecture
- MicroStation
- STAAD

Courses

Materials of Construction, AutoCAD, Statics, Civil Engineering Graphics, Surveying, Structural Analysis with STAAD, Elementary Structures, Elements of Building Construction, Elementary Soils Mechanics, Strength of Materials, Land Development w/AutoCAD Civil 3D, Hydraulics, Principles of Dynamics, Transportation Engineering, Land Use Planning, Revit Architecture, and Structural Design– Reinforced Concrete

Current Courses

Foundation Engineering, MicroStation w/ InRoads, Principles of Water & Wastewater Treatment, and Capstone

Experience

New York Department of Transportation, Albany, New York

Transportation Construction Inspector

June-December 2016 & June-August 2017

Assigned to the Geology Lab inspecting samples of aggregate used in paved asphalt and concrete for quality assurance purposes. Assisted in the Aggregate Lab by preparing samples using sieves to breakdown material to appropriate sizes required for testing.

Lowe's Home Improvement, Hudson, New York

Customer Service Associate: Inside Lawn and Garden

Summer 2015

Assisted customers with any questions about the products in the department and throughout the store. Stocked shelves, and assisted customers to their car with heavy products such as a grill, A/C, etc.

Activities

RIT Student member of American Society of Civil Engineers (ASCE), **Treasurer 2017-2018**

RIT ASCE- Steel Bridge Team, **Display Manager 2017-2018**

Member of Women in Technology at RIT