

# VICTORIA S. DYER

## CIVIL ENGINEERING

### CONTACT

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PHONE: (603) 440 – 9229



EMAIL: dyerv2@rpi.edu



SCHOOL LOCATION: Troy, NY  
HOME LOCATION: Amherst, NH

### SKILLS

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Microsoft Office - Word, Excel, PowerPoint, Outlook  
Adobe Acrobat  
AutoCAD 2D 2017  
Civil 3D AutoCAD 2016, 2017  
AutoTURN 10  
ArcMap GIS  
MATLAB  
SAP2000 17  
Synchro  
Drafting  
Estimating  
Surveying  
Multi-Tasking  
Collaboration  
Organizing

### RELEVANT COURSEWORK

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Introduction to Engineering Analysis  
Engineering Graphics for Civil Engineers (AutoCAD)  
Introduction to Civil and Environmental Engineering  
Strength of Materials  
Engineering Dynamics  
Introduction to Engineering Design  
Thermal and Fluids Engineering  
Beginning C Programming for Engineers  
Introduction to Environmental Engineering  
Introduction to Geotechnical Engineering  
Introduction to Structural Engineering  
Introduction to Transportation Engineering  
Concrete Design  
Applied Hydrology and Hydraulics  
Engineering Economics  
Modeling and Analysis of Uncertainty

### PROFESSIONAL PROFILE

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Junior status civil engineering student at RPI with strong knowledge and experience with AutoCAD and Civil 3D AutoCAD as well as surveying, drafting and estimating. Worked on projects such as sidewalk and road design, proposed bike lanes, drainage solutions and sewer reconstruction. Fast learner who can take direction well.

### EDUCATION

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B.S. CIVIL ENGINEERING • EXPECTED MAY 2020 • RENSSELAER POLYTECHNIC INSTITUTE  
• TROY, NY

- GPA: 3.16 / 4
- Minor in Sustainability Studies

### EXPERIENCE

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STUDENT CALLER • RENSSELAER ANNUAL FUND • RENSSELAER POLYTECHNIC INSTITUTE • RENXCHANGE • JANUARY 2017 – PRESENT

- Call alumni and parents of current students to inform them of the Rensselaer Annual Fund and ask for donations
- Supervise/train other callers

SALES ASSOCIATE • BED BATH & BEYOND • AMHERST, NH • AUGUST 2015 – PRESENT

- Clean, stock and organize sales floor
- Routinely answer customer questions regarding merchandise and pricing

ENGINEERING INTERN • DEPARTMENT OF PUBLIC WORKS ENGINEERING DEPARTMENT • NASHUA, NH • MAY 2018 – AUGUST 2018

- Assisted other engineers with AutoCAD drafting, estimating, surveying, field work and office duties
- Field work such as estimating paving costs, gas line reconstruction, lateral line placement, sewer lining, manhole inverts, and site planning
- Worked on grading projects, road, sidewalk and bike lane projects, as well as sewer and paving projects
- Extensive Civil 3D AutoCAD work with grading, cross sections and profile views for various projects

SUMMER LABORER • NASHUA PARKS AND RECREATION • NASHUA, NH • MAY 2017 – AUGUST 2017

- Planted, maintained and watered all flowers in downtown Nashua
- Mulched playgrounds and maintained grounds of park area

### AWARDS/ACHIEVEMENTS

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*Rensselaer Medal for Excellence in Mathematics and Science -- 2016-2020*

*Dean's List -- Spring 2018*