

Noah Bell

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Education

University of Vermont - Burlington, VT

Expected Graduation: June 2018

- College of Engineering and Mathematical Sciences
 - Bachelor of Science in Civil Engineering
 - GPA: 3.21
 - America East Academic Honor Roll (2014, 2015, 2016, 2017)

Bethlehem Central High School - Bethlehem, NY

September 2010 - June 2014

Relevant Coursework

Programming for Engineers | Graphical Communication (AutoCAD) | Statics | Geomatics | Statistics for Engineering | Dynamics | Electrical Circuits and Sensors | Hydraulics | Transportation Systems | Mechanics of Materials | Materials and Structures Lab | Water & Wastewater Engineering | Structural Analysis | Geotechnical Principles | Geotechnical Principles Lab | Foundation Design | Advanced Structural Analysis | Structural Steel Design | Engineering Project Management | Capstone Design I

Current courses: Reinforced Concrete, Capstone Design II, Structural Design - Wood, Transportation Modeling & Plan

Work Experience

Lenticular Truss Bridge Rehabilitation Senior Capstone Design Project

August 2017 - Present

- Position: Project Manager
- Conduct structural analyses of Lenticular Truss Bridge designs using SAP2000 and hand approximation methods
- Assess strength of existing members and design replacement members
- Develop a proposal for a pedestrian bridge along with construction documents for client
- Additional responsibilities: project scheduling, site and foundation design, cost estimation, constructability evaluation

Research Section of the Vermont Agency of Transportation

May 2017 - August 2017

- Position: Technical Apprentice IV
- Experimental pavement data collection and evaluation
- Research for the Jahn Mortar Historical Covered Bridge Project
- Developing reports of research findings
- Literary searches

UVM Spatial Analysis Lab

September 2016 - December 2016

- Position: Student Employee
- Land cover mapping of various geographies using ArcGIS

The Office of Highway Safety of the Vermont Agency of Transportation

May 2016 - August 2016

- Position: Systematic Local Road Safety Program - Temporary Employment
- Conduct safety assessments on town roads
- Propose a plan for recommended improvements to town boards and planning commissions
- Review Crash Reports
- Prepare Collision Diagrams and prepare reports of findings

Computer Experience

Microsoft Office: Word, Excel, PowerPoint | AutoCAD | MATLAB | ArcGIS | SAP2000 | SEEP/W | Microsoft Project

Activities and Interests

Rockstar Energy Drink UVM Marketing Ambassador

November 2017 - Present

Kappa Sigma Fraternity: Alpha Lambda Chapter - Burlington, VT

January 2015 - Present

University of Vermont NCAA Division 1 Cross Country

August 2014 - May 2017

University of Vermont NCAA Division 1 Indoor Track and Field

August 2014 - May 2017

University of Vermont NCAA Division 1 Outdoor Track and Field

August 2014 - May 2017